

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

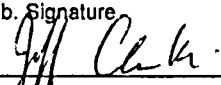
TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-27
WO #: 2005-10 Quantity: 1
Eligibility: Bell 206L / 407 Work Status: Manufactured
Remarks: OPEN FRONT END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

Jeff Clarke
Inspector's Signature

1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking No.
4. Organization Name and Address AERO Design Ltd. – 2013 39th Avenue NE, Calgary, Alberta, T2E 6R7					5. Work Order/Contract/Invoice WO2005-10
6. Item	7. Description	8. Part Number	9. Qty.	10. Serial/Batch No.	11. Status/Work
	Cargo Basket	49205-01	1	49201-27	New
12. Remarks Modified with front end cutout IAW DCL704					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input type="checkbox"/> CAR 571.10 Maintenance Release <input type="checkbox"/> Other regulation specified in block 12		
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation. <input type="checkbox"/> Non approved design data specified in block 12.			Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, has been performed in compliance with the Canadian Aviation Regulations .		
13b. Signature 	13c. Approved Organization Number AMF 73-04		14b. Signature	14c. Approved Organization Number	
13d. Name Jeff Clarke	13e. Date (dd/mmm/yyyy) 18 Aug 2010		14d. Name	14e. Date (dd/mmm/yyyy)	
<p align="center">Installer Responsibilities</p> <p>This certificate does not constitute authority to install.</p> <p>Installers working in accordance with the national regulations of a country other than that specified in block 1 must ensure that their regulations recognize certifications from the country specified.</p> <p>Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record for the aircraft must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.</p>					

Valley
Helicopters

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Cargo Basket Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-26
WO #: 2005-10 Quantity: 1
Eligibility: Bell 206L / 407 Work Status: Manufactured
Remarks: Modified with open front end

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Forward Beam Part #: 49221-01
Approval #: SH00-48 Serial #: --
WO #: 2006-02 Quantity: 1
Eligibility: Bell 206L / 407 Work Status: Manufactured
Remarks: Pocketed IAW drawing 49221, Revision 3

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Dec 14/07
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: Aft Beam Part #: 49221-02
Approval #: SH00-48 Serial #: --
WO #: 2006-02 Quantity: 1
Eligibility: Bell 206L / 407 Work Status: Manufactured
Remarks: Pocketed IAW drawing 49221, Revision 3

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Dec 14/07
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET

Part #: 49205-01

Approval #: SH00-48

Serial #: 49201-25

WO #: 2005-10

Quantity: 1

Eligibility: Bell 206L/407

Work Status: Manufactured

Remarks: OPEN FRONT END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

Jff Ceala.
Inspector's Signature

WORK ORDER

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-11
Current yyyy - 000

Customer Purchase Order: _____

Expected Completion Date: _____

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an *Approved Manufacturing Facility* of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A & 4 effective January 1, 1986.



President, AERO Design Ltd.

A. PREPARATION

1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: Issue 4

2. Scope of Work

a) Complete Product

- ☒ Fabrication of 1, 60630-01 Cargo Basket Assembly
Qty Item
- ☒ Traceability: Serial Numbers: From # 49201-28 To # _____
xxx-xxx xxx-xxx
- ☐ Document Serial Numbers in this Work Order *Section D - Final Inspection & Sign-Off of Aeronautical Products*
- ☐ Record Serial Numbers in *Serial Number Control List* [Form 010].

OR

b) Component Parts

- ☐ Fabrication of component parts of _____
as detailed in this Work Order *Section B - Parts List*.
- ☐ Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: _____

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-11
Current yyyy - 000

3. Work Order Package Preparation

☒ Document Control List for STC SH00-48 issue 4; DCL 606-1 Rev.0

☐ Full set of new drawings for complete fabrication.

OR

☐ Partial set of new drawings for parts fabrication:

Drawing List: _____

Notes: _____

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-11
Current yyyy - 000

B. PARTS LIST

- ☒ **Complete fabrication:** This list may *not* be used as Final Inspection Record.
- ☐ **Partial fabrication:** This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
1	60630-01	BASKET ASSY			
1	60631-01	BASKET BODY			
1	60632-01	LID			
4	60640-01	RIM	4130 STEEL 3/4 x 0.035 TUBE	5012	
4	49212-01	RIM	"	5012	
1	60641-01	FRONT HOOP	4130 STEEL 1/2 x 0.035 TUBE	5012	
1	60642-01	ATTACH HOOP	"	5012	
5	60643-01	SPINE	"	5012	
2	60644-01	LUG	1018 STEEL 5/8 ROD	951108	
2	60644-02	LUG	"	951108	
1	49218-01	PLACARD	3M SCOTCHCAL	5024	
4	60646-01	MOUNTING PLATE	6061-T6 AL. 1/8" SHEET	5030	
2	60647-01	BUSHING	BRASS 1/2" ROD	2021	
4	60648-01	HOOP	4130 STEEL 1/2 x 0.035 TUBE	5012	
4	49213-01	LID BRACE	4130 STEEL 3/4 x 0.035 TUBE	5012	
1	49215-01	SPACER	1018 STEEL 1/2" ROD	4070	
1	49216-01	SPACER	"	4070	
1	49221-01	FRW BEAM	6061-T6 AL 1/3 BAR	5035	

Notes: _____

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-11
Current yyyy - 000

B. PARTS LIST

☒ **Complete fabrication:** This list may *not* be used as Final Inspection Record.

☐ **Partial fabrication:** This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number	Final Inspection	
				PO# for raw stock WO# for finished component parts	(Parts mfg only) Accept Non-Conforming	(A) (NC)
1	49221-02	APT BEAM	6061-T6 AL 1X3 BAR	4066		
2	36271-01	LEVER	304 STAINLESS 1/8 SHEET	2027		
4	36272-01	BASKET BRKT	4130 STEEL 0.050 SHEET	2019		
4	36273-01	HD BRKT	"	2019		
2	36274-01	BUSHING	304 STAINLESS 7/16 ROD BAR	2008		
2	36275-01	BUSHING	BRASS 5/16 ROD	4049		
4	36275-02	SUPPORT	304 STAINLESS 5/16 ROD	2005		
2	36276-01	SPRING HOOK	6061-T6 AL 5/16 ROD	2009		
1	36277-01	HANDLE BAR	304 STAINLESS 1X0.035 TUBE	5009		
2	36278-01	SPRING		5028		
1	36280-01	BRACE		5034		
1	36204-10	PLACARD BRKT	1018 STEEL 0.032 SHEET	2019		
A/R	3/4-16F	MESH	MILD STEEL	6007		
1	MS20001P4	HINGE		6010		
1	✓	TREAD PLATE	3003 AL 0.063 SHEET	3005		

Notes: _____


Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-11
Current yyyy - 000

C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

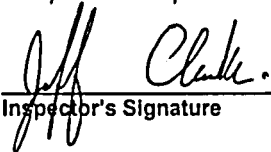
1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

Feb 24/06  _____
Date Welder's Signature License #

2. Inspection of Component Parts

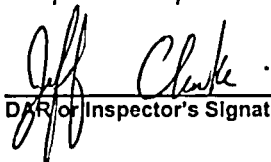
I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Feb 24/06  _____
Date Inspector's Signature

D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-28	YES	2005-11 / NC1	

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

Feb 24/06  _____
Date D/R or Inspector's Signature

NON-CONFORMANCE REPORT

Order Date: 24/02/06
D/M/Y

W.O. Number # 2005-11/NC1
Current yyyy - 000/NC

INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-CONFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

DETERMINATION & ACTION

1. Product Name: HIGH CARGO BASKET
2. Product Serial Number: 49201-28 OR
3. Batched Parts Item Number on WO: _____
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):
Auxiliary Latch I.A.W drawing 60650
5. DAR Determination
☐ Scrap
☒ Acceptable for release for the following reason(s):
LATCH IS IN ADDITION TO APPROVED SYSTEM
☐ Re-Work instructions:

24 FEB 2006
Date

[Signature]
DAR Signature

RE-WORK INSPECTION & CERTIFICATION

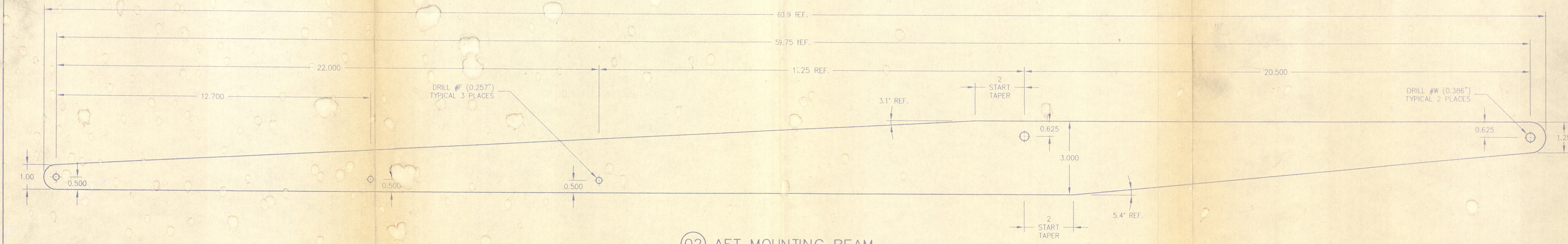
I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

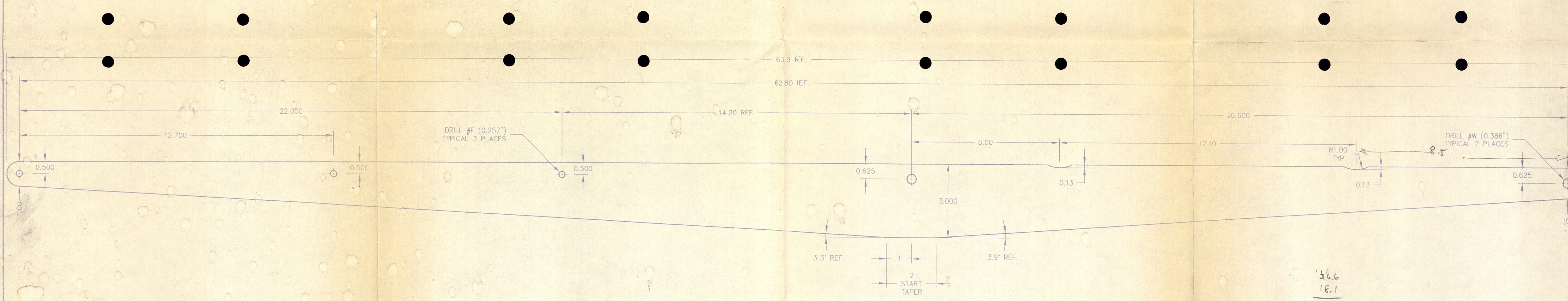
DAR Signature

NOTICE
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	ADDED CUTOUTS TO FORWARD BEAM	BJC	3 MAY 2004
2	ADDED 0.25" HOLE 12.700" FROM END HOLE	BJC	14 OCT 2004



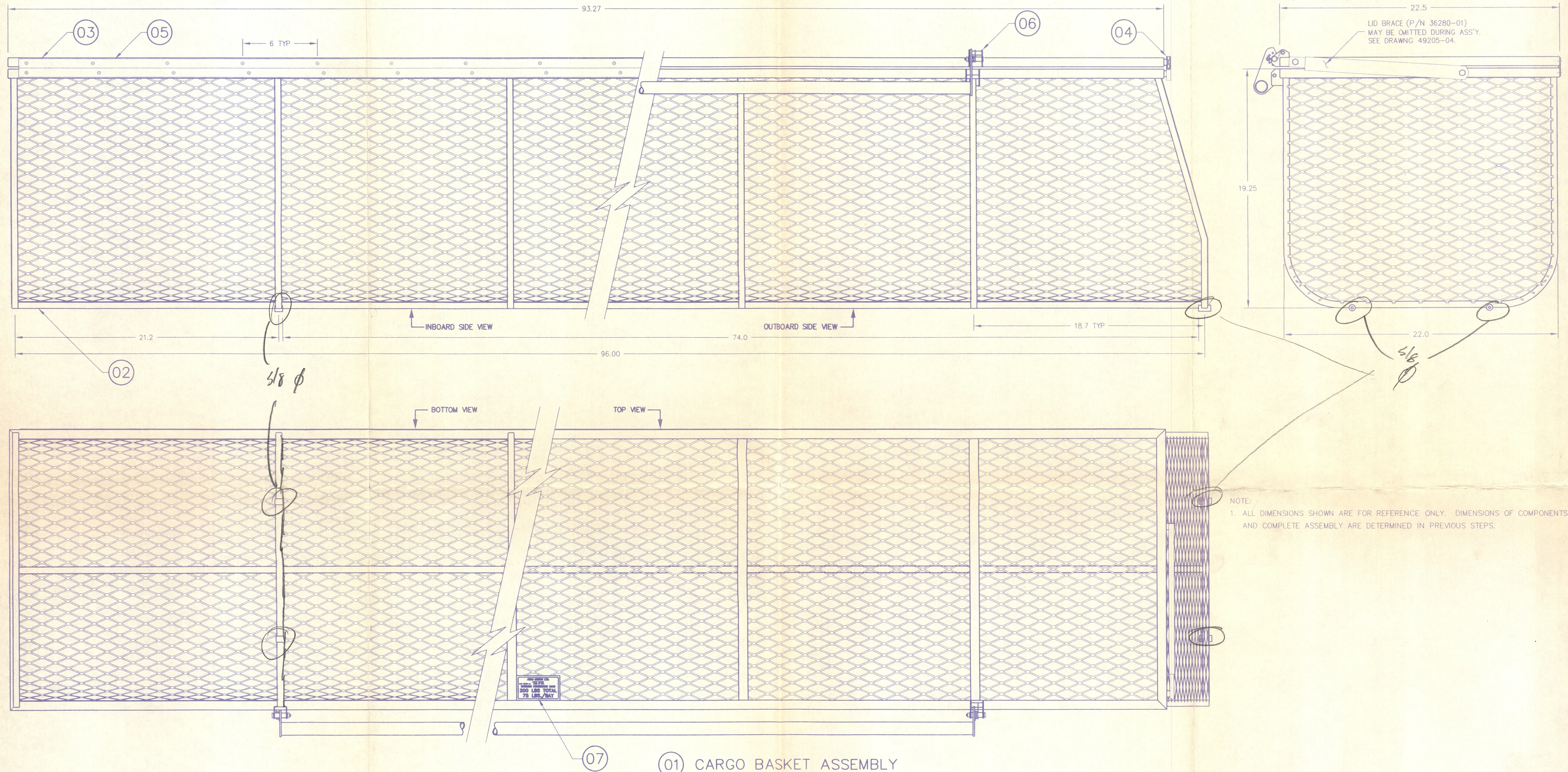
02 AFT MOUNTING BEAM



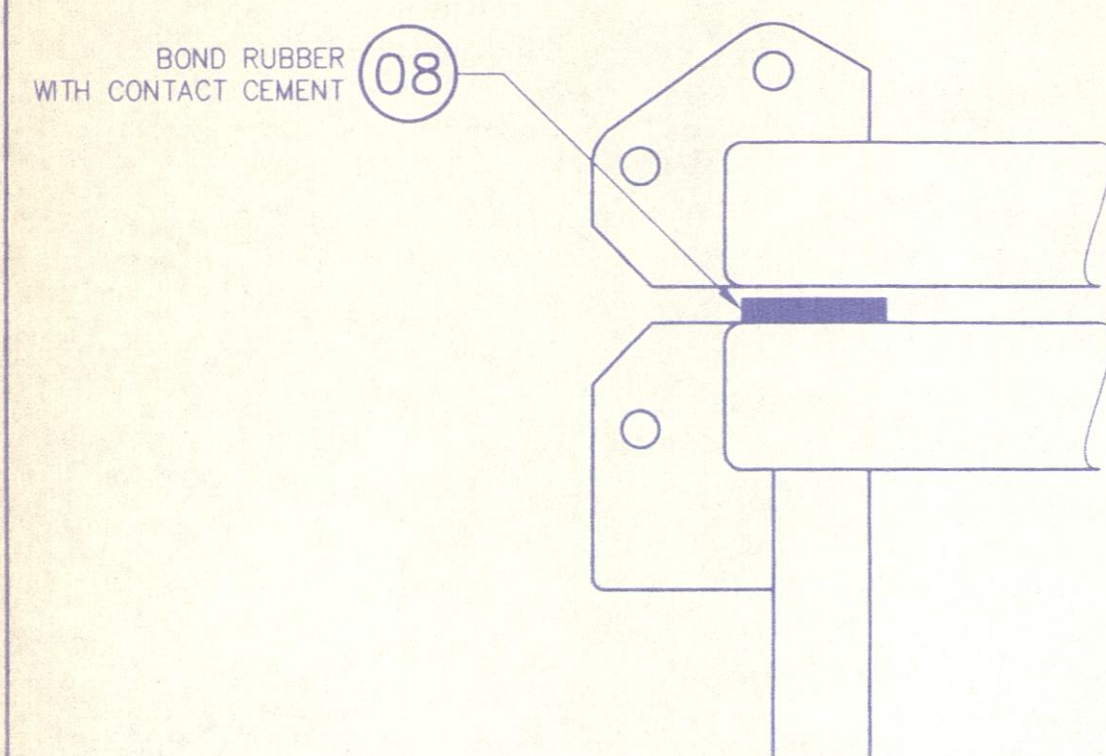
01 FORWARD MOUNTING BEAM

36.6
16.1
8.5

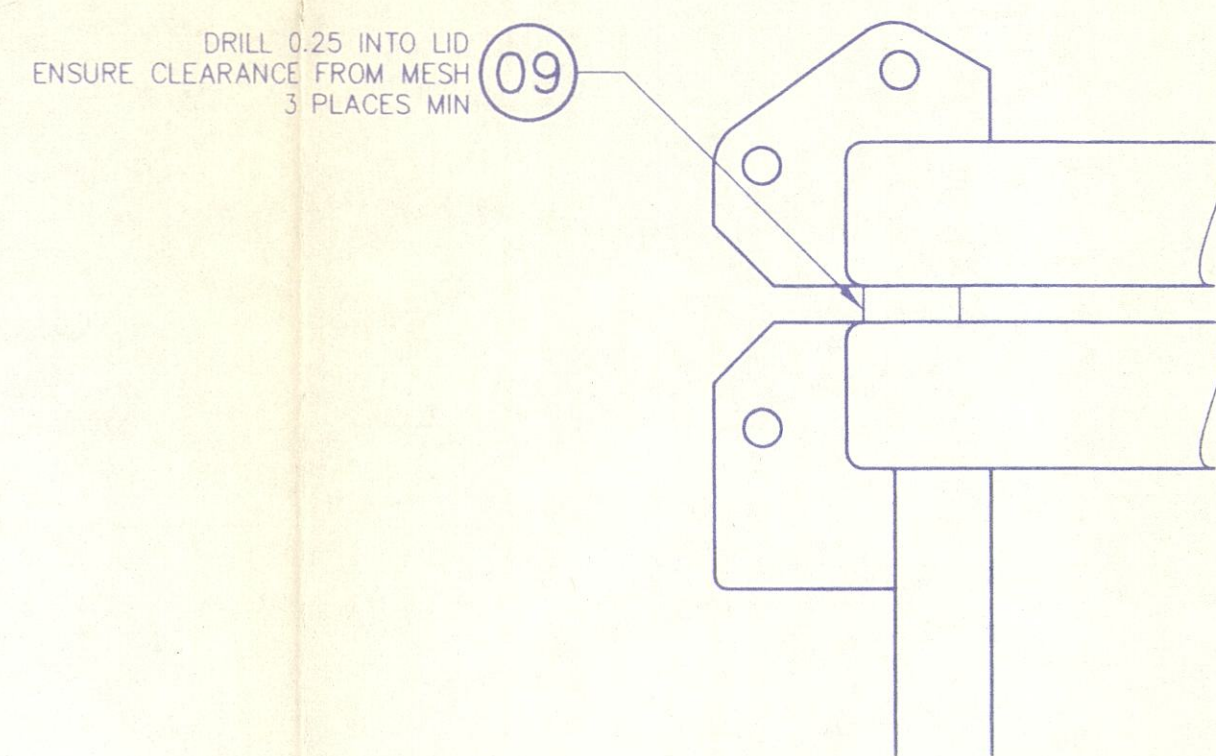
1	49221-02	02	AFT BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR								
1	49221-01	01	FORWARD BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR								
PART NO.		ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE								
QTY.			LIST OF MATERIALS											
<table><tr><td>APPROVALS</td><td>DATE</td></tr><tr><td>DRAWN: STEVEN FAHEY</td><td>APR 24/02</td></tr><tr><td>CHECKED: E. BURGAIN</td><td>APR 24/02</td></tr><tr><td>STRESS:</td><td></td></tr></table>			APPROVALS	DATE	DRAWN: STEVEN FAHEY	APR 24/02	CHECKED: E. BURGAIN	APR 24/02	STRESS:		<div>AERO DESIGN LTD.</div> <div>ENGINEERING CONSULTANTS</div> <div>1045 McTAVISH ROAD N.E.</div> <div>CALGARY, ALBERTA T2E 7G9</div>			
APPROVALS	DATE													
DRAWN: STEVEN FAHEY	APR 24/02													
CHECKED: E. BURGAIN	APR 24/02													
STRESS:														
<div>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:</div> <table><tr><td>DECIMALS</td><td>ANGLES</td></tr><tr><td>X.XXX ±0.010</td><td>±1/2°</td></tr><tr><td>X.XX ±0.03</td><td></td></tr><tr><td>X.X ±0.1</td><td></td></tr></table>			DECIMALS	ANGLES	X.XXX ±0.010	±1/2°	X.XX ±0.03		X.X ±0.1		<div>BELL 206L SERIES AND 407 SIDE MOUNTED CARGO BASKET FORWARD AND AFT MOUNTING BEAMS</div>			
DECIMALS	ANGLES													
X.XXX ±0.010	±1/2°													
X.XX ±0.03														
X.X ±0.1														
SCALE 1 : 2		DWG. SIZE	DWG. NO.	REV.										
SHEET 1 OF 1		A1	49221	2										



NOTE:
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

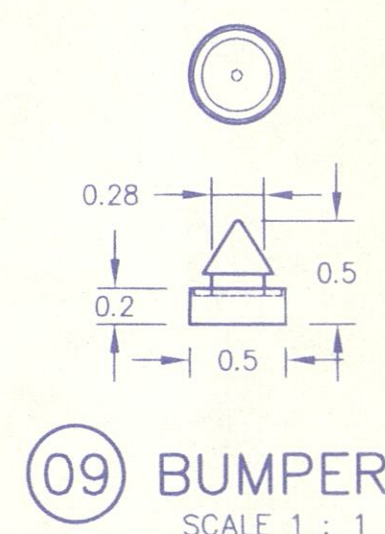


SCALE 1 : 1
ALTERNATE



BUMPER INSTALLATION

SCALE 1 : 1



09 BUMPER
SCALE 1 : 1

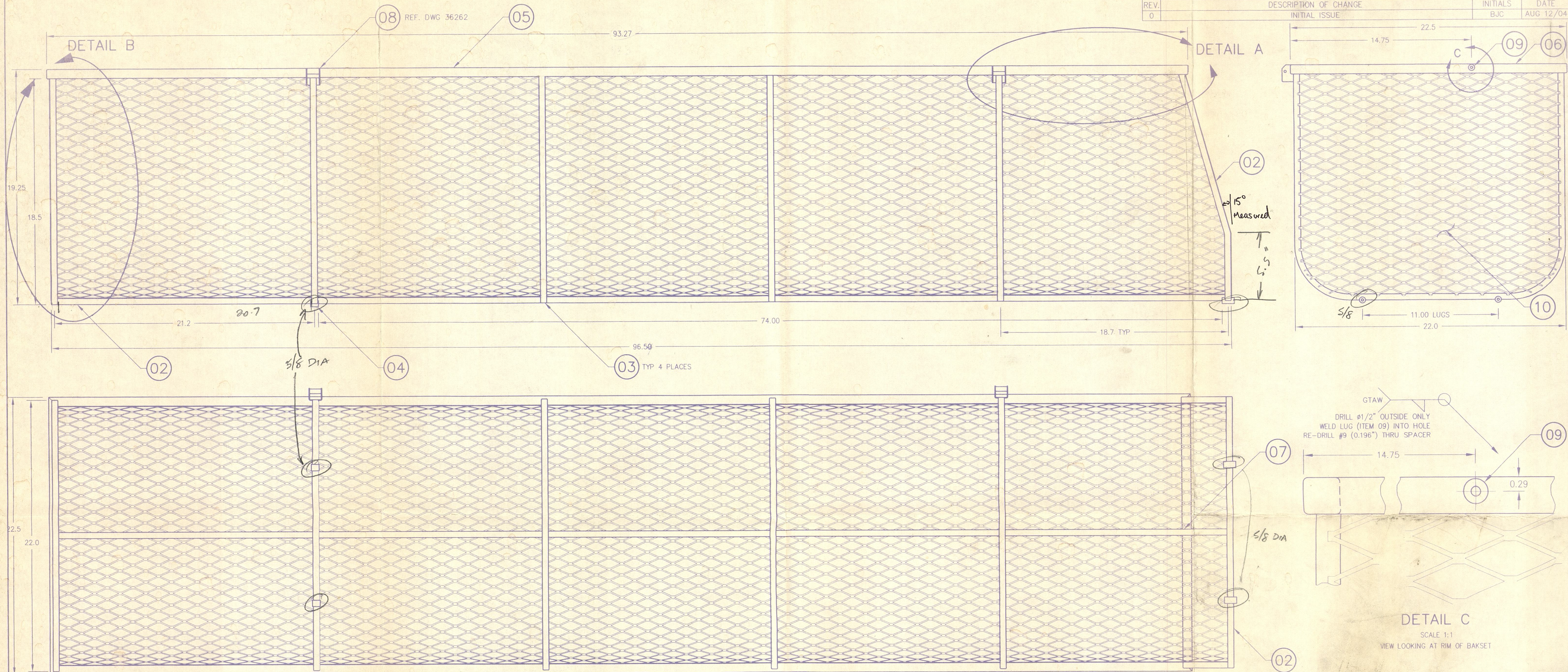
QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL
2	MS21044N3	NUT		
A/R	AN960-10L	WASHER		
2	AN3-14	BOLT		
A/R	49205-14	09 BUMPER		ARGUS INDUSTRIES
A/R	49205-13	08 PAD		NEOPRENE RUBBER
1	60644-01	07 PLACARD		
1	36255-01	06 HANDLE BAR INSTALLATION		
1	MS20001P4	05 PIANO HINGE		
1	36256-01	04 BRACE INSTALLATION		
1	60632-01	03 LID ASSEMBLY		
1	60631-01	02 BASKET BODY ASSEMBLY		
1	60630-01	01 CARGO BASKET ASSEMBLY		
LIST OF MATERIALS				

APPROVALS		DATE
DRAWN:	JEFF CLARKE	11 AUG 2004
CHECKED:	E. BURGAIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		
DECIMALS	ANGLES	
X.XXX ±0.010	±1/2°	
X.XX ±0.03		
X.X ±0.1		

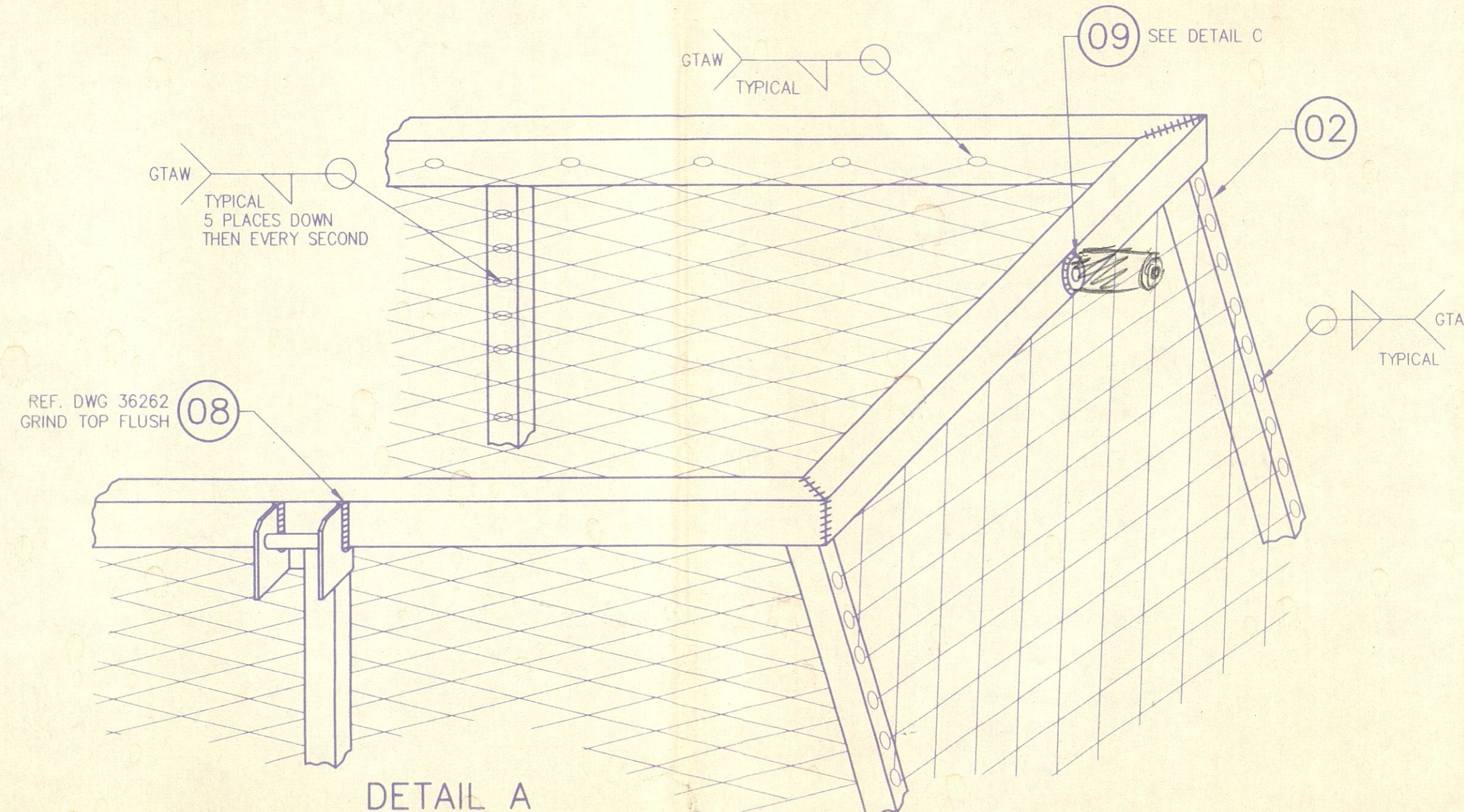
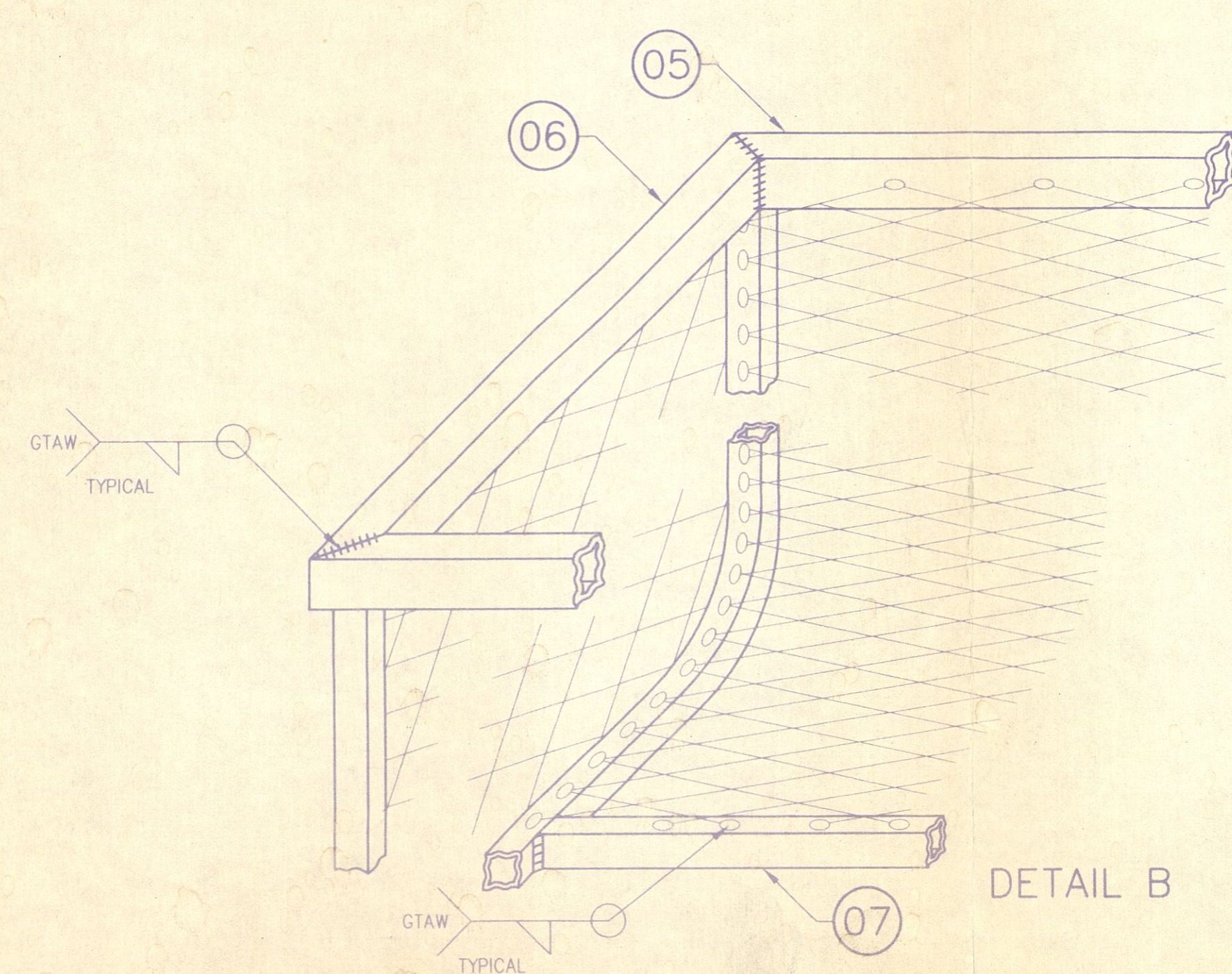
AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET ASSEMBLY			
SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	60630	0

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	BJC	AUG 12/04



01 BASKET BODY ASSEMBLY

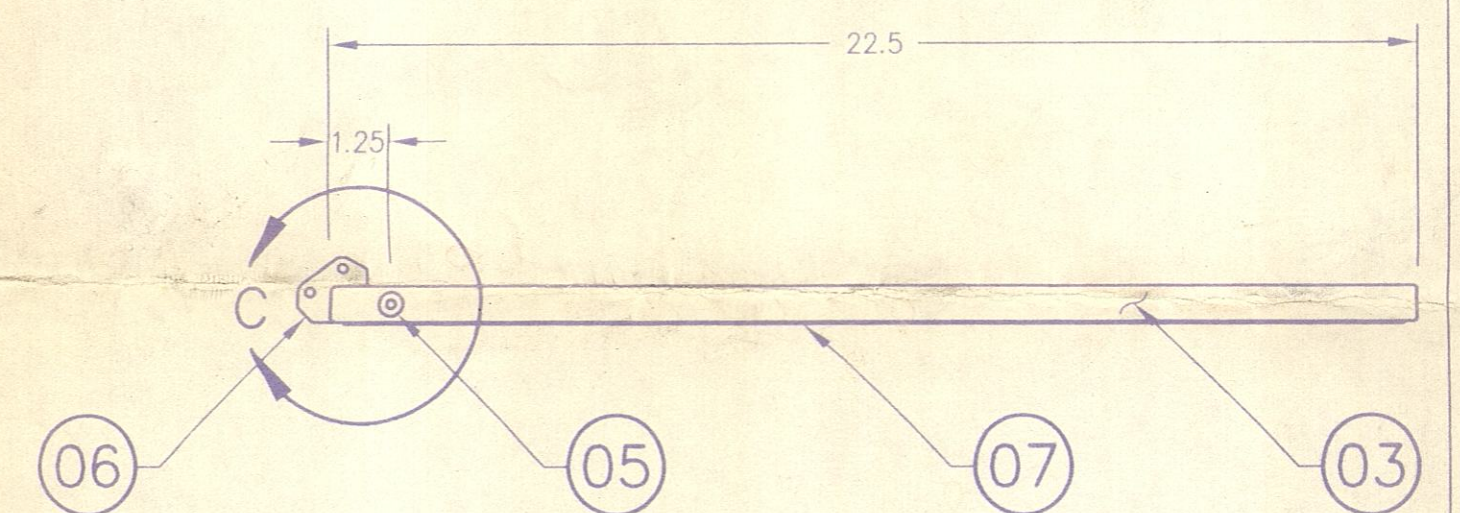
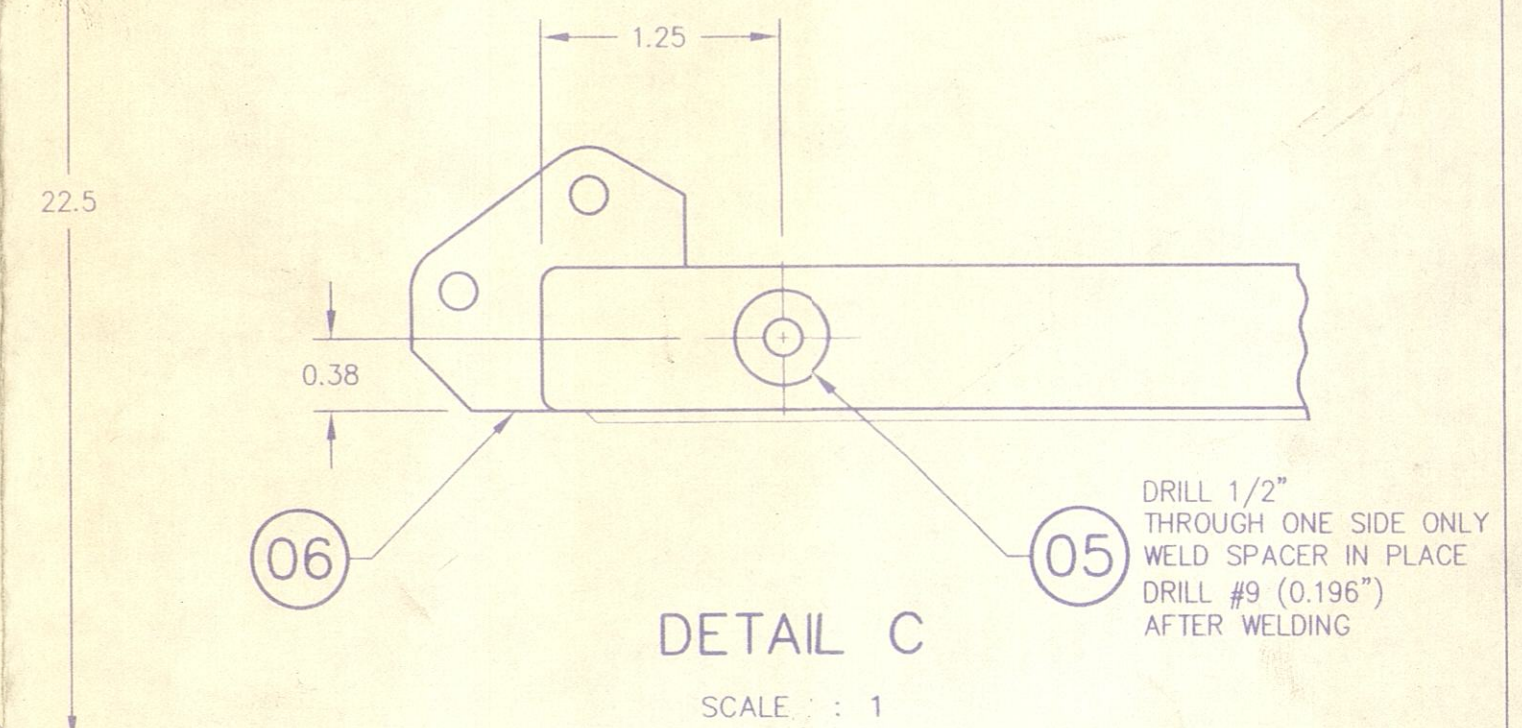


NOTES:

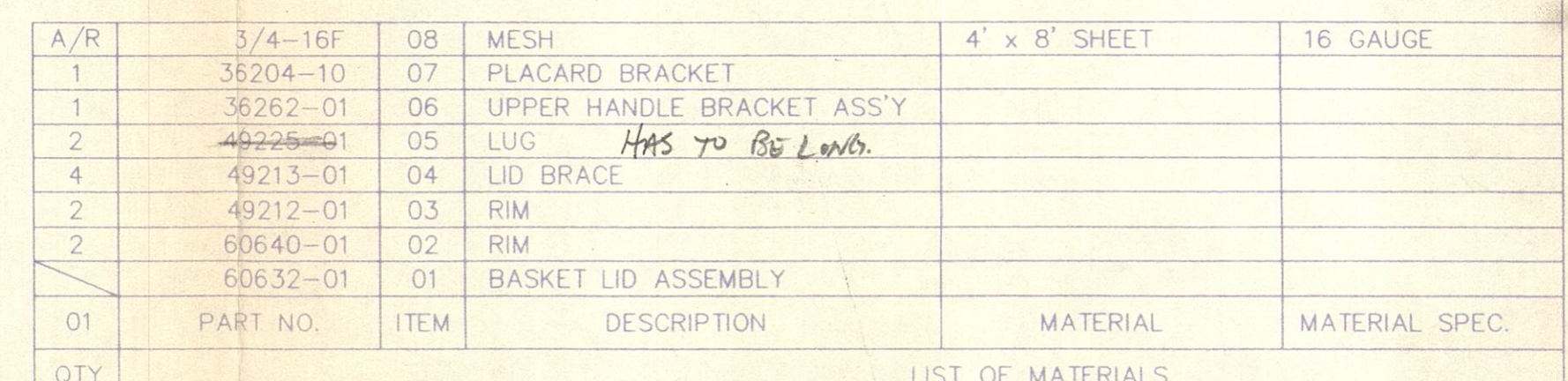
1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO ER70S-2 OR EQUIVALENT.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.

A/R	3/4-16F	10	MESH	4' x 8' SHEET	16 GAUGE
1	49225-01	09	LUG H9C TO BE LUGS		
1	36262-01	08	HANDLE BRACKET ASS'Y		
5	60643-01	07	SPINE		
2	49212-01	06	RIM		
2	60640-01	05	RIM		
1	60642-01	04	ATTACHMENT HOOP		
4	49210-02	03	HOOP		
1	60641-01	02	END HOOP ASS'Y		
	60631-01	01	BASKET BODY ASSEMBLY		
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.
QTY.	LIST OF MATERIALS				

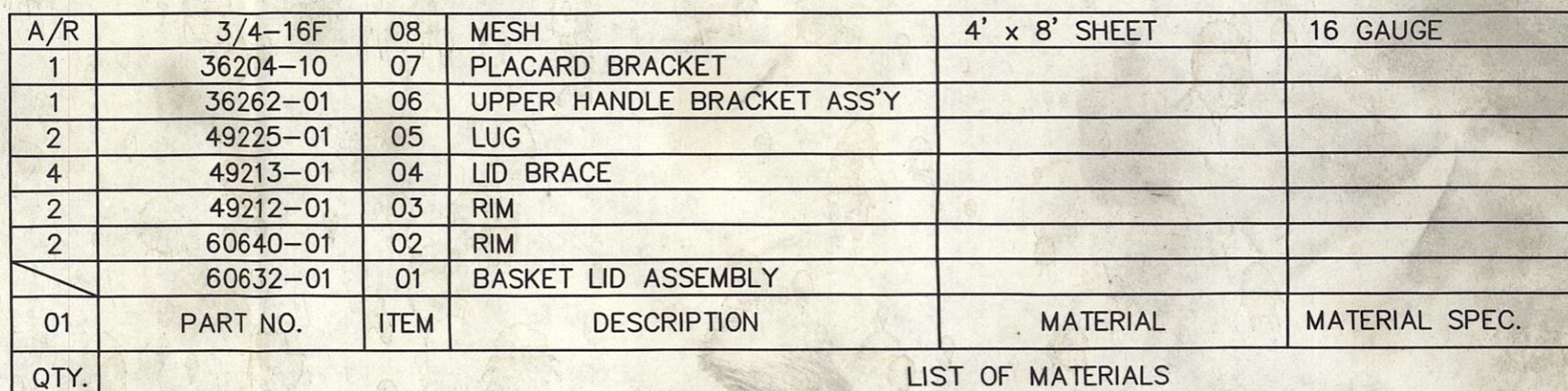
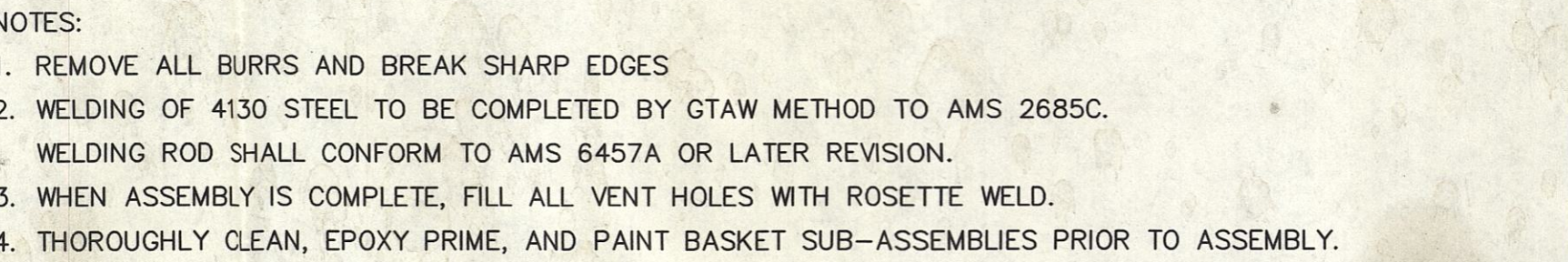
APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: JEFF CLARKE	12 AUG 2004	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 Tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
CHECKED: E. BURGOIN		BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET BODY ASSEMBLY			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:		SCALE 1: 4	DWG. SIZE	DWG. NO.	REV.
DECIMALS: X.XXX ±0.010		A1		60631	0
X.XX ±0.03		SHEET 1 OF 1			
X.X ±0.1					



1. REMOVE ALL BURRS AND BREAK SHARP EDGES
2. WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C.
WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
3. WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
4. THOROUGHLY CLEAN, EPOXY PRIME, AND PAINT BASKET SUB-ASSEMBLIES PRIOR TO ASSEMBLY.



APPROVALS		DATE		<h1 style="text-align: center;">AERO DESIGN LTD.</h1> <p style="text-align: center;">CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net</p>				
DRAWN: JEFF CLARKE		12 AUG 2004						
CHECKED: E. BURGOIN								
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:				BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET LID ASSEMBLY				
DECIMALS		ANGLES						
X.XXX ±0.010		±1/2°						
X.XX ±0.03								
X.X ±0.1				SCALE 1 : 4		DWG. SIZE	DWG. NO.	REV.
		SHEET 1 OF 1		A1		60632		0



APPROVALS		DATE		AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
DRAWN: JEFF CLARKE		12 AUG 2004					
CHECKED: E. BURGOIN							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:				BELL 407, 206L SERIES HIGH SIDE MOUNTED CARGO BASKET CARGO BASKET LID ASSEMBLY			
DECIMALS		ANGLES					
X.XXX ±0.010		±1/2°					
X.XX ±0.03							
X.X ±0.1							
		SCALE 1 : 4		DWG. SIZE	DWG. NO.	REV.	
		SHEET 1 OF 1		A1	60632	0	

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: HIGH CARGO BASKET ASSEMBLY Part #: 60630-01

Approval #: SH00-48 Serial #: 49201-28

WO #: 2005-11 Quantity: 1

Eligibility: BELL ~~407~~ 407 Work Status: Manufactured

Remarks: AUXILIARY LATCH IAW 60650

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Feb 24/06
Date

Jeff Clarke
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-25
WO #: 2005-10 Quantity: 1
Eligibility: Bell 206L/407 Work Status: Manufactured
Remarks: OPEN FRONT END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

Jeff Clark
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-26
WO #: 2005-10 Quantity: 1
Eligibility: Bell 206L/407 Work Status: Manufactured
Remarks: OPEN FRONT END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

Jeff Clark
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-27
WO #: 2005-10 Quantity: 1
Eligibility: Bell 206L/407 Work Status: Manufactured
Remarks: OPEN FRONT END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

June 7/06
Date

Jeff Clark
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET ASSEMBLY Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-23
WO #: 2005-10 Quantity: 1
Eligibility: BELL 206L /407 Work Status: Manufactured
Remarks: MODIFIED LID IAW 49231

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Jul 24/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET ASSEMBLY Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-24
WO #: 2005-10 Quantity: 1
Eligibility: BELL 206L /407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Jul 24/06
Date

[Signature]
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET ASSEMBLY Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-21
WO #: 2005-10 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: MODIFIED FWD END I.A.W 49230

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Jan 12/06
Date

Jeff Clarke
Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET ASSEMBLY Part #: 49205-01
Approval #: SH00-48 Serial #: 49201-22
WO #: 2005-10 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: _____

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

Jan 17/06
Date

Jeff Clarke
Inspector's Signature

WORK ORDER

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-10
Current yyyy - 000

Customer Purchase Order: _____

Expected Completion Date: _____

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an Approved Manufacturing Facility of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A & 4 effective January 1, 1986.



President, AERO Design Ltd.

A. PREPARATION

1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: Issue 4

2. Scope of Work

a) Complete Product

- ☒ Fabrication of 7, 49205-01 Cargo Basket Assembly
Qty Item
- ☒ Traceability: Serial Numbers: From # 49201-21 To # 49201-27
xxx-xxx xxx-xxx
- ☐ Document Serial Numbers in this Work Order *Section D - Final Inspection & Sign-Off of Aeronautical Products*
- ☐ Record Serial Numbers in *Serial Number Control List* [Form 010].

OR

b) Component Parts

- ☐ Fabrication of component parts of _____
as detailed in this Work Order *Section B - Parts List*.
- ☐ Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: _____

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-10
Current yyyy – 000

3. Work Order Package Preparation

☒ Document Control List for STC SH00-48 issue 4; DCL 492 Rev.4

☐ Full set of new drawings for complete fabrication.

OR

☐ Partial set of new drawings for parts fabrication:

Drawing List: _____

Notes: _____

Order Date: 15/06/05
D/M/Y

W.O. Number # 2005-10
Current yyyy - 000

B. PARTS LIST

- ☒ Complete fabrication: This list may *not* be used as Final Inspection Record.
- ☐ Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
	49211-01 12-01 13-01	TUBE	4130 STEEL 3/4 x 0.035 TUBE	5012	
	49210-01/-02 14-01	TUBE	4130 STEEL 1/2 x 0.035 TUBE	5012	
	49217-01	LUG	1018 STEEL 5/8 RND BAR	3008	
	36275-01	BUSHING	BRASS 5/16 RND BAR	4048	
	36275-02	BUSHING	304 STAINLESS 5/16 RND BAR	2005 4048	
	36276-01	SPRING Hook	6061-T6 AL 5/16 RND BAR	2009	
	36274-01	BUSHING	304 STAINLESS 7/16 x 0.065 TUBE	2005	
	36204-10	PLACARD BRKT	STEEL 8h 0.032 SHEET	2019	
	3/4-16	MESH	Mild Steel	6007	
	49215-01 16-01	SPACER	1018 STEEL 1/2" RND BAR	4070	
	36271-01	LEVER	304 STAINLESS 1/8 SHEET	PRE W.O.	
	36272-01	BASKET BRKT	4130 STEEL 0.050 SHEET	2019	
	36273-01	LID BRKT	4130 STEEL 0.050 SHEET	2019	
	36277-01	HANDLEBAR	304 STAINLESS 1.0 x 0.035 TUBE	5009/6006	
	36280-01	BRACE		5034	
	36278 -01	SPRING		5028	
		HINGE	M5 20001 P4	5008/6010	

Notes: _____

Order Date: 15/06/05
D / M / Y

W.O. Number # 2005-10
Current yyyy - 000

C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

June 7/06 David Marty _____
Date Welder's Signature License #

2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

June 7/06 Jeff Clarke _____
Date Inspector's Signature

D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-21, -25, -26, -27	YES	2005-10/NC2	OPEN FRONT END
	49201-23	YES	2005-10/NC1	LID DOOR
	49201-22, -24	YES	—	

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

June 7/06 Jeff Clarke _____
Date DAR or Inspector's Signature

NON-CONFORMANCE REPORT

Order Date: 24/02/06
D / M / Y

W.O. Number # 2005-10/NC1
Current yyyy - 000/NC

INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-CONFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

DETERMINATION & ACTION

1. Product Name: CARGO BASKET
2. Product Serial Number: 49201-23 OR
3. Batched Parts Item Number on WO: _____
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):
UD MODIFIED I.A.W DRAWING 49231
DOOR TESTED TO 200 LB, NO PERMANENT DEFORMATION
5. DAR Determination
☐ Scrap
☒ Acceptable for release for the following reason(s):
- MOD DOES NOT COMPROMISE STRENGTH OF LID
- DOOR IS SUFFICIENT TO HOLD LOADS THAT CAN BE APPLIED
☐ Re-Work instructions:

24 FEB 2006
Date

[Signature]
DAR Signature

RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

DAR Signature

NON-CONFORMANCE REPORT

Order Date: 24/02/06
D / M / Y

W.O. Number # 2005-10/NC2
Current yyyy - 000/NC

INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-CONFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

DETERMINATION & ACTION

1. Product Name: CARGO BASKET
2. Product Serial Number: 49201-21 OR
3. Batched Parts Item Number on WO: _____
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):
OPEN FWD END I.A.W. DRAWING 49230
5. DAR Determination
☐ Scrap
☒ Acceptable for release for the following reason(s):
MOD DOES NOT COMPROMISE STRENGTH OF BASKET.
☐ Re-Work instructions: _____

24 FEB 2006
Date

[Signature]
DAR Signature

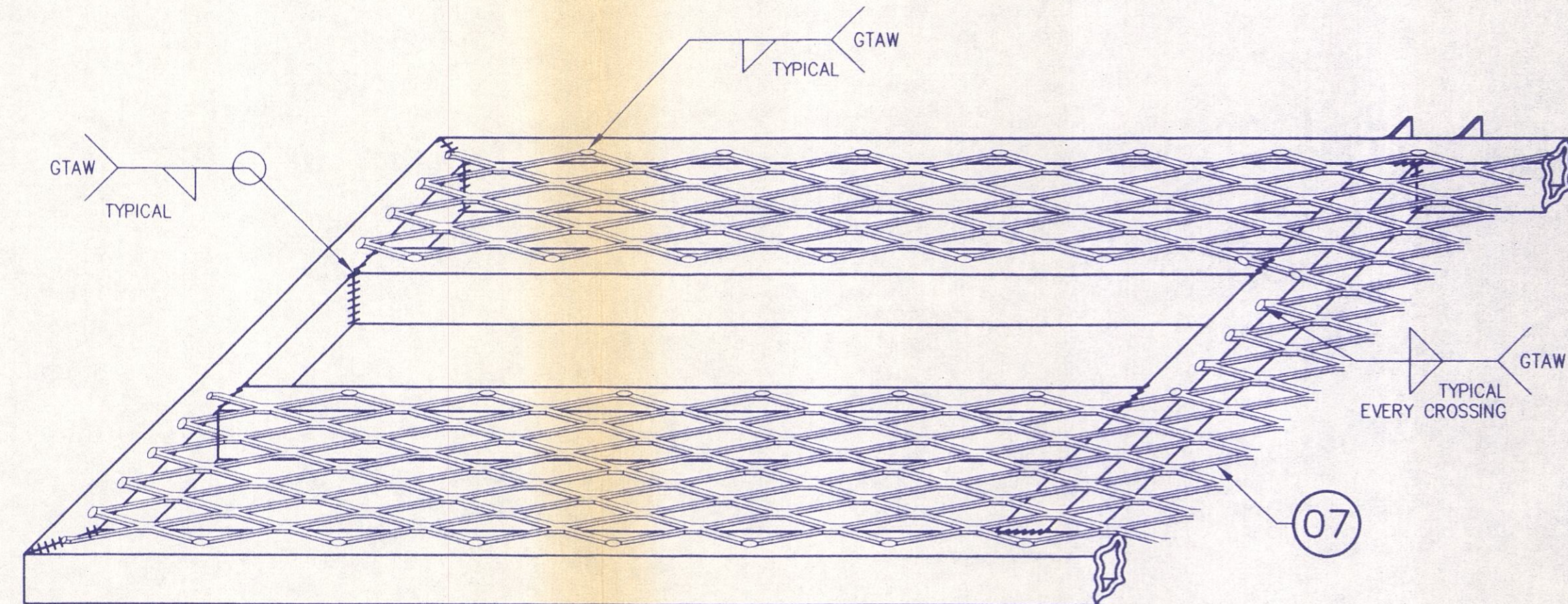
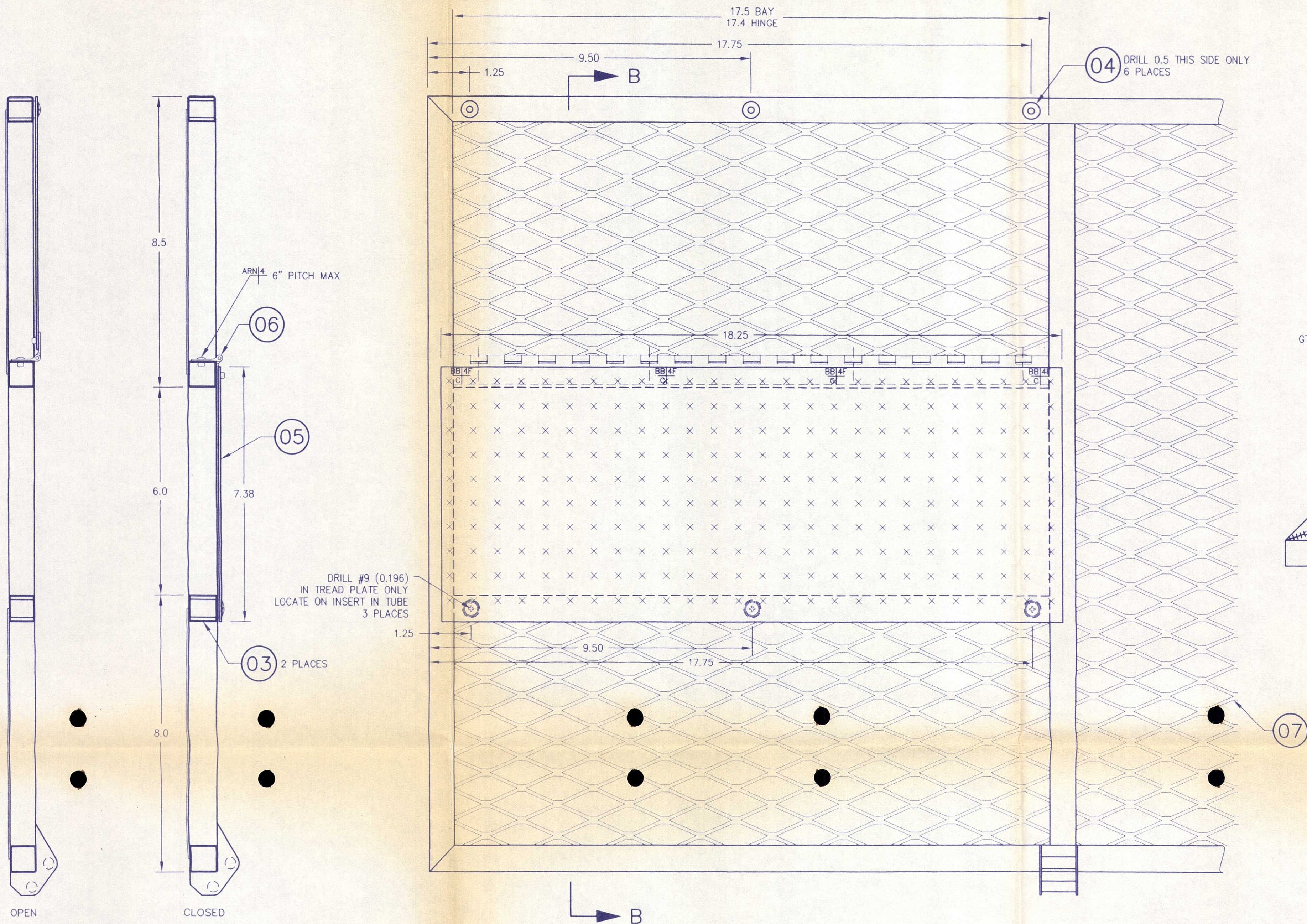
RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

Date

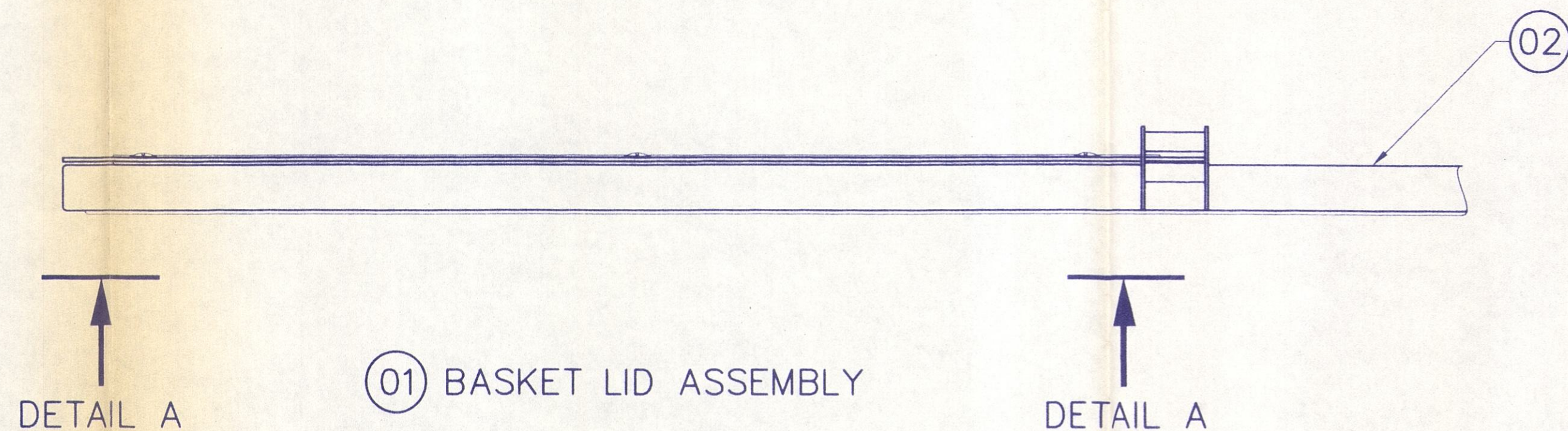
DAR Signature

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	BJC	JAN 27/06



DETAIL A
LOOKING AT BOTTOM

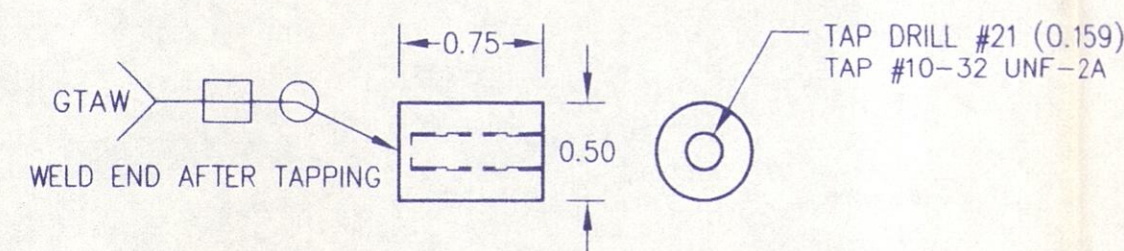
- NOTES:
- THIS DRAWING IS AN OPTIONAL CONFIGURATION ADDING AN OPENING IN THE LID. REMAINDER OF LID ASSEMBLY IS TO BE IN ACCORDANCE WITH DRAWING 49207. THIS CONFIGURATION MAY BE APPLIED TO ANY OR ALL BAYS OF THE LID.
 - REMOVE ALL BURRS AND BREAK SHARP EDGES
 - WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 2685C. WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
 - WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
 - THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES SKY WHITE PRIOR TO ASSEMBLY.



3	MS27039-1-08	08	SCREW			
A/R	3/4 - 16F	07	MESH	MILD STEEL	COMMERCIAL	
1	MS20001P4	06	HINGE			
1	49231-05	05	TREAD PLATE	ALUMINUM	COMMERCIAL	0.063 TREAD PLATE
6	49231-04	04	THREADED INSERT	MILD STEEL	AISI 1010/1020	0.5 DIA
1	49231-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.75 X 0.035 WALL TUBE
1	49207-01	02	BASKET LID ASSEMBLY			
	49231-01	01	BASKET LID ASSEMBLY - MODIFIED WITH OPENING			
01	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
QTY						

LIST OF MATERIALS

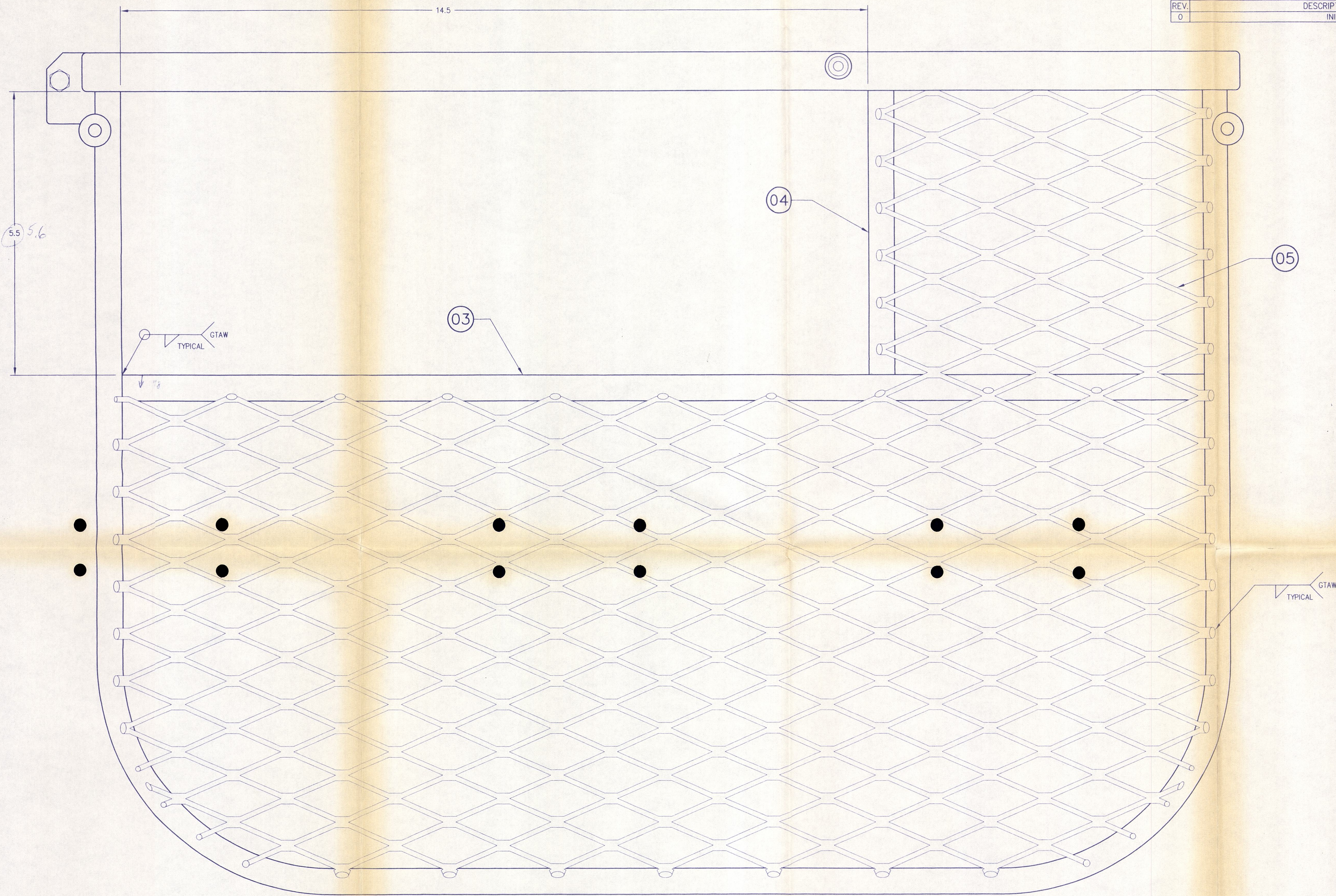
BASIC CODE REF. NAS 523		DASH NO. FOR DIAMETER N=MFD. HEAD NEAR SIDE F=MFD. HEAD FAR SIDE		APPROVALS		DATE					
C=COUNTERSUNK D=DIMPLE DIGIT=# OF SHEETS TO BE DIMPLED		DASH NO. FOR LENGTH		DRAWN: JEFF CLARKE		27 JAN 2006					
BASIC CODES: BJ=MS20470AD BB=MS20426AD ARN=CR3213 ARM=CR3212		<div><div>+</div><div>+</div><div>+</div></div> <div>INSTALL NEW RIVET</div> <div>REMOVE/REPLACE RIVET</div> <div>EXISTING RIVET</div>		CHECKED: E. BURGOIN							
				UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2' X.XX ±0.03 X.X ±0.1							
						AERO DESIGN LTD. CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net					
						BELL 206L SERIES SIDE MOUNTED CARGO BASKET CARGO BASKET LID ASSEMBLY - MODIFIED					
						SCALE 1 : 2		DWG. SIZE		DWG. NO.	
SHEET 1 OF 1		A1		49231		0					



04 THREADED INSERT

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE		



01 CARGO BASKET ASSEMBLY
LOOKING AT FORWARD END

NOTES

- THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE FORWARD END ONLY. REMAINDER OF BASKET IS TO BE IN ACCORDANCE WITH DRAWING 49208.
- REMOVE ALL BURRS AND BREAK SHARP EDGES
- WELDING OF 4130 STEEL TO BE COMPLETED BY GTAW METHOD TO AMS 26850. WELDING ROD SHALL CONFORM TO AMS 6457A OR LATER REVISION.
- WHEN ASSEMBLY IS COMPLETE, FILL ALL VENT HOLES WITH ROSETTE WELD.
- THOROUGHLY CLEAN AND POWDER COAT BASKET SUB-ASSEMBLIES SKY WHITE PRIOR TO ASSEMBLY.

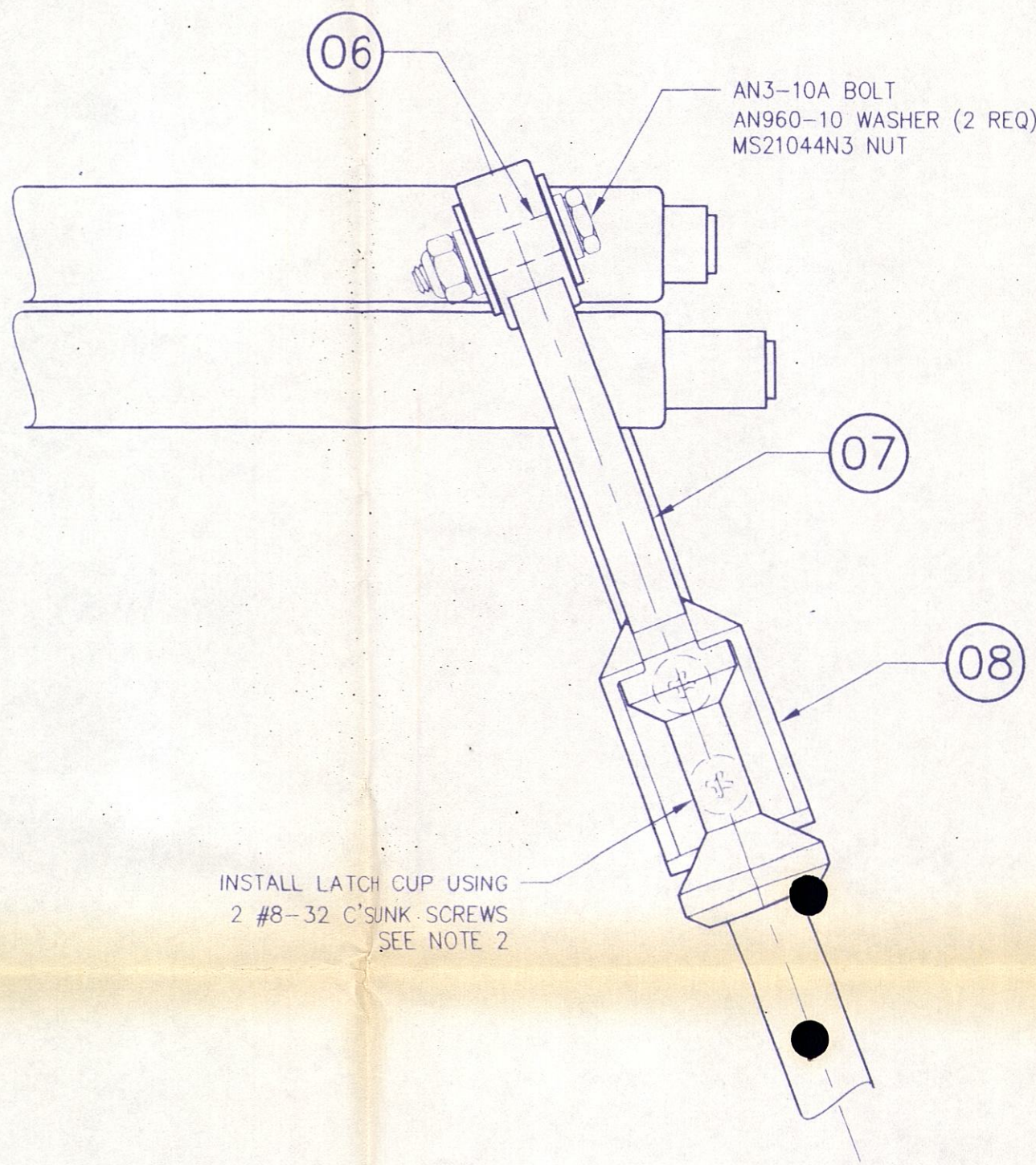
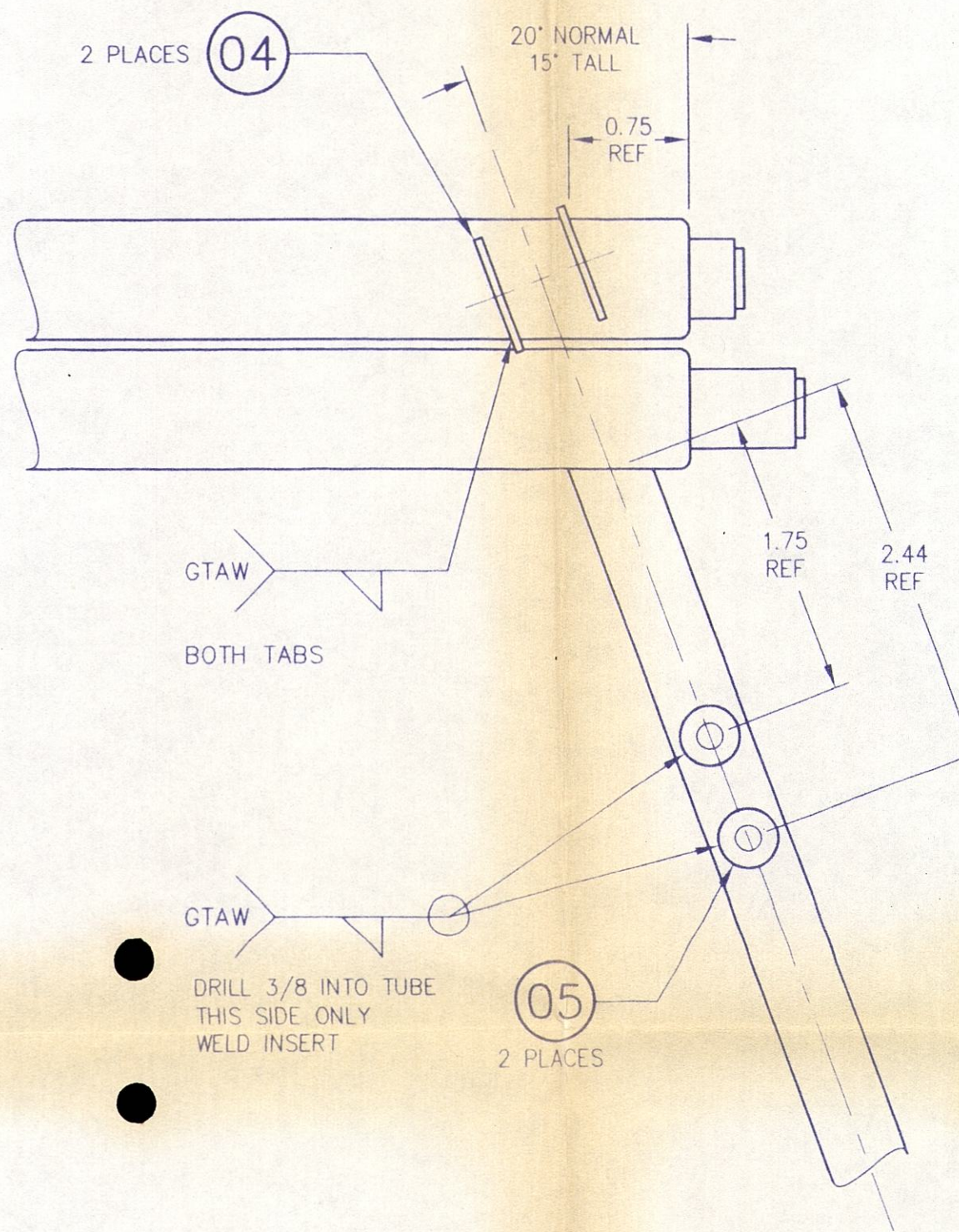
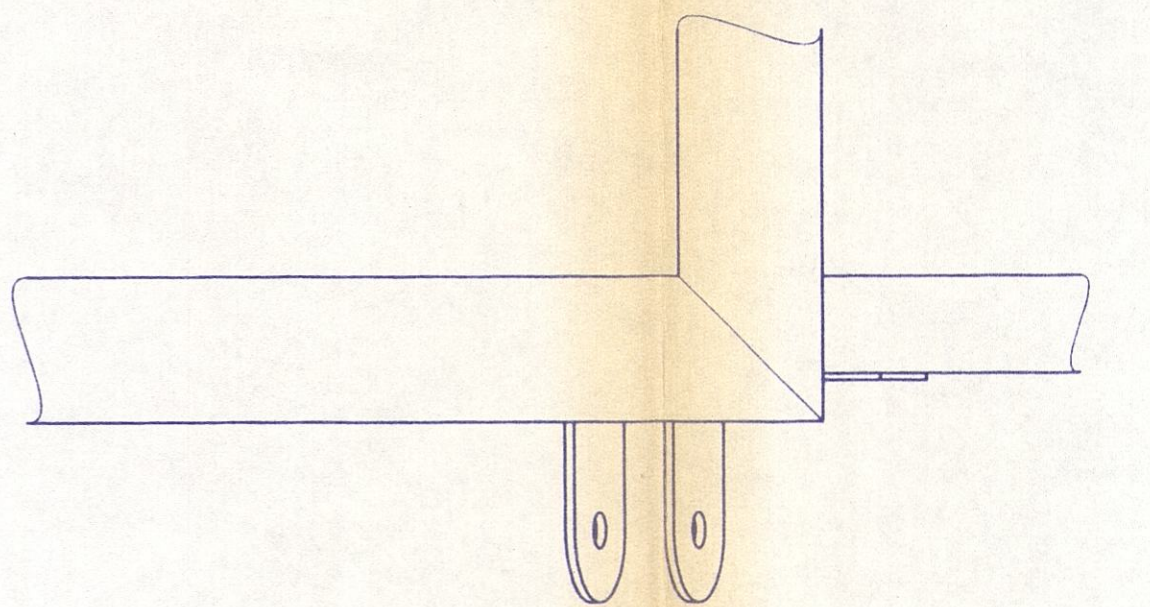
QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
1	3/4-16F	05	MESH	CARBON STEEL	COMMERCIAL	
1	49230-04	04	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	49230-03	03	TUBE	4130 STEEL COND. N	MIL-T-6736	0.5 X 0.035 WALL TUBE
1	49208-01	02	BASKET BODY ASSEMBLY			
1	49230-01	01	BASKET BODY ASSEMBLY - MODIFIED FORWARD END			
LIST OF MATERIALS						

APPROVALS	DATE	AERO DESIGN LTD.			
DRAWN: JEFF CLARKE	27 JAN 2006	CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
CHECKED: E. BURGOIN		BELL 206L SERIES SIDE MOUNTED CARGO BASKET CARGO BASKET ASSEMBLY - MODIFIED FWD END			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON: DECIMALS ANGLES X.XXX ±0.010 ±1/2° X.XX ±0.03 X.X ±0.1		SCALE 1 : 1	DWG. SIZE A1	DWG. NO. 49230	REV. 0
SHEET 1 OF 1					

E:\4\jobs\sub_492\acad\49230_0.dwg Fri Jan 27 14:32:02 2006 BY BJC

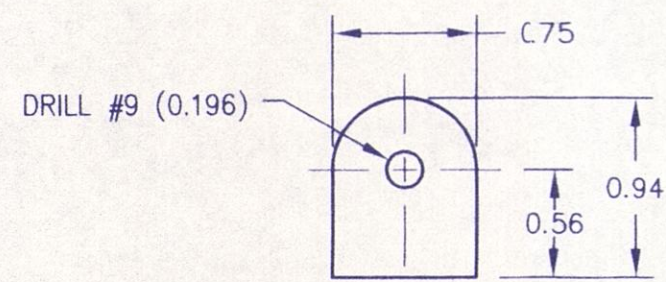
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	*	*	*

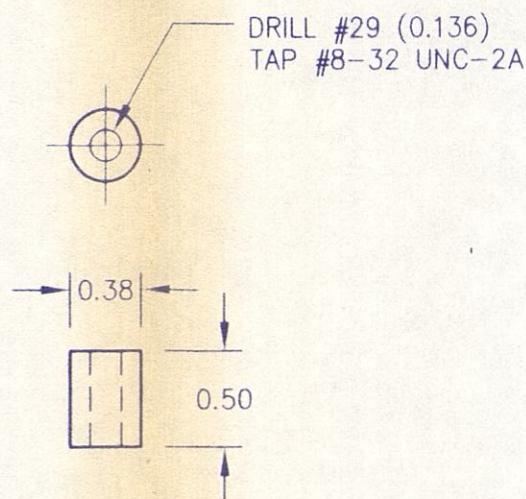


NOTES

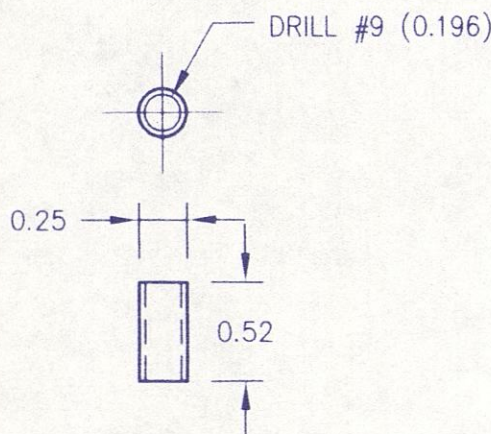
- THIS DRAWING IS AN OPTIONAL CONFIGURATION FOR THE AUXILIARY LATCH ONLY. REMAINDER OF THE BASKET AND LID ASSEMBLIES TO BE IN ACCORDANCE WITH DRAWING 60631 AND 60632.
- REMOVE ALL BURRS AND BREAK SHARP EDGES.
- APPLY LOCTITE 262 OR EQUIVALENT TO #8-32 SCREWS ON INSTALLATION.
- INSTALL ALL HARDWARE USING STANDARD SHOP PRACTICES AS OUTLINED IN AC43.13-1B, CHAPTER 7 "AIRCRAFT HARDWARE, CONTROL CABLES, AND TURNBUCKLES" OR STANDARD AIRCRAFT WORKERS MANUAL, SECTION 7 "SHOP PRACTICES".



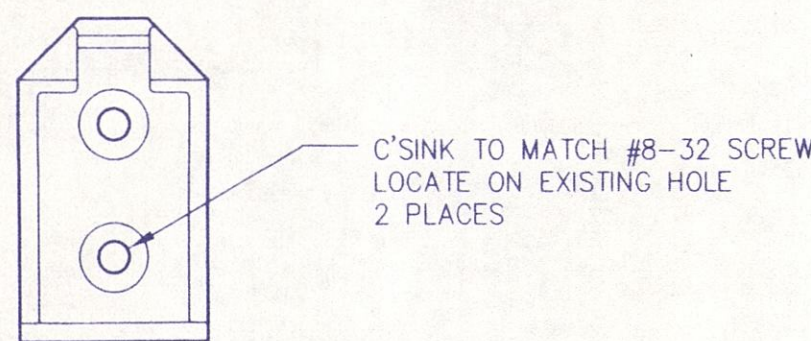
04 TAB



05 INSERT



06 BUSHING



08 LATCH CUP

QTY	PART NO.	ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC	STOCK SIZE
2			#8-32 SCREW	STAINLESS STEEL	COMMERCIAL	
1	MS21044N3		NUT			
2	AN960-10		WASHER			
1	AN3-10A		BOLT			
1	0115-307	08	LATCH CUP	ARCTIC CAT		
1	0115-306	07	LATCH CORD	ARCTIC CAT		
1	60650-06	06	BUSHING	BRASS	COMMERCIAL	0.25 OD ROD
2	60650-05	05	INSERT	MILD STEEL	AISI 1010/1020	0.375 OD ROD
2	60650-04	04	TAB	4130 STEEL COND. N	MIL-S-18729	0.050 SHEET
1	60632-01	03	BASKET LID ASSEMBLY			
1	60631-01	02	BASKET BODY ASSEMBLY			
	60650-01	01	AUXILIARY LATCH INSTALLATION			

		APPROVALS		DATE		AERO DESIGN LTD.							
DRAWN:		JEFF CLARKE		10 FEB 2006		CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M							
CHECKED:		E. BURGON				2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7							
						tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net							
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:						BELL 206L / 407 HIGH MOUNTED CARGO BASKET AUXILIARY LATCH INSTALLATION							
DECIMALS						ANGLES							
X.XXX ±0.010						±1/2°							
X.XX ±0.03													
X.X ±0.1													
						SCALE 1 : 1		DWG. SIZE		DWG. NO.		REV.	
						SHEET 1 OF 1		A1		60650		0	

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 60630-01
Approval #: SH00-48 Serial #: 49201-17
WO #: 2005-08 Quantity: 1
Eligibility: BELL 407 Work Status: Manufactured
Remarks: HIGH BASKET

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

May 24/05
Date

Jeff Clark
Inspector's Signature

WORK ORDER

Order Date: 13/05/05
D / M / Y

W.O. Number # 2005-08
Current yyyy - 000

Customer Purchase Order: _____

Expected Completion Date: _____

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an *Approved Manufacturing Facility* of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A & 4 effective January 1, 1986.



President, AERO Design Ltd.

A. PREPARATION

1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: Issue 4

2. Scope of Work

a) Complete Product

☒ Fabrication of 1, 60630-01 Cargo Basket Assembly
Qty Item

☒ Traceability: Serial Numbers: From # 49201-17 To # _____
xxx-xxx xxx-xxx

☐ Document Serial Numbers in this Work Order *Section D - Final Inspection & Sign-Off of Aeronautical Products*

☐ Record Serial Numbers in *Serial Number Control List* [Form 010].

OR

b) Component Parts

☐ Fabrication of component parts of _____
as detailed in this Work Order *Section B - Parts List*.

☐ Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: _____

Order Date: 13/05/05
D / M / Y

W.O. Number # 2005-08
Current yyyy - 000

3. Work Order Package Preparation

☒ Document Control List for STC SH00-48 issue 4; DCL 606-1 Rev.0

☐ Full set of new drawings for complete fabrication.

OR

☐ Partial set of new drawings for parts fabrication:

Drawing List: _____

Notes: _____

REFER TO WO 2004-11 FOR DRAWINGS

Order Date: 13/05/05
D / M / Y

W.O. Number # 2005-08
Current yyyy - 000

B. PARTS LIST

☒ **Complete fabrication:** This list may *not* be used as Final Inspection Record.

☐ **Partial fabrication:** This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
1	60630-01	Basket Assy			
1	60631-01	Basket Body			
1	60632-01	LID			
4	60640-01	RIM	4130 STEEL 3/4 x 0.035 TUBE	5012	
4	49212-01	RIM	"	5012	
1	60641-01	FRONT HOOP	4130 STEEL 1/2 x 0.035 TUBE	5012	
1	60642-01	ATTACH HOOP	"	5012	
5	60643-01	SPINE	"	5012	
2	60644-01	LUG	1018 STEEL 5/8 ROD	951108	
2	60644-02	LUG	"	951108	
1	49218-01	PLACARD	3M SCOTCH CAL	5024	
4	60646-01	MOUNTING PLATE	6061 AL 48" SHEET	5030	
2	60647-01	BUSHING	BRASS 1/2" ROD	2021	
4	60648-01	HOOP	4130 STEEL 1/2" x 0.035 TUBE	5012	
4	49213-01	LID BRACE	4130 STEEL 3/4 x 0.035 TUBE	5012	
1	49215-01	SPACER	1018 STEEL 1/2" ROD	950112	
1	49216-01	SPACER	"	950112	
1	49221-01	FWD BEAM	6061-T6 AL 3x1 BAR	4066	

Notes: _____

Order Date: 13/05/05
D / M / Y

W.O. Number # 2005-08
Current yyyy - 000

B. PARTS LIST

- ☒ Complete fabrication: This list may *not* be used as Final Inspection Record.
- ☐ Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
1	49224-02	AFT BEAM	6061-T6 AL 3x1 BAR	4066	
2	36271-01	LEVER	304 STAINLESS 0.125 SHFT		
4	36272-01	BASKET BRACKET	4130 STEEL 0.050 SHFT	2019	
4	36273-01	LID BRACKET	"	2017	
2	36274-01	BUSHING	304 STAINLESS 7/16" RND BAR	2005	
2	36275-01	BUSHING	304 STAINLESS 5/16" RND BAR	4049	
4	36275-02	SUPPORT	304 STAINLESS 5/16" RND BAR	2005	
2	36276-01	SPRING HOOK	6061-T6 AL 5/16" RND BAR	2009	
1	36277-01	HANDLE BAR	304 STAINLESS 1.0035 TUBE	5009	
2	36278-01	SPRING		5028	
1	36280-01	BRACE		3029	
1	36204-10	PLACARD BAR	1018 STEEL 0.032 SHFT	2019	
A/R	3/4-16	MESH	MILD STEEL	4036	
1	MS20001P4	HINGE		5008	

Notes: _____

Order Date: 13/05/05
D / M / Y

W.O. Number # 2005-08
Current yyyy - 000

C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES

1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

May 24/2005 [Signature] _____
Date Welder's Signature License #

2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

May 24/05 [Signature] _____
Date Inspector's Signature

D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-17	YES	✓	✓

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

May 24/05 [Signature] _____
Date DAR or Inspector's Signature

AERO Design Ltd.
2013 - 39th Ave. NE
Calgary, AB, T2E 6R7

AUTHORIZED RELEASE CERTIFICATE

TRANSPORT CANADA
TCCA 24-0078
AMF # 73-04

Product: CARGO BASKET Part #: 49205-01
Approval #: 5H00-48 Serial #: 49201-16
WO #: 2005-04 Quantity: 1
Eligibility: BELL 206L/407 Work Status: Manufactured
Remarks: OPEN FWD END

I hereby certify that the product identified above has been manufactured in accordance with the applicable design data and the Canadian Aviation Regulations or applicable foreign regulations.

April 1 / 05
Date

Jeff Clarke
Inspector's Signature

WORK ORDER

Order Date: 04/03/05
D / M / Y

W.O. Number # 2005-04
Current yyyy - 000

Customer Purchase Order: _____

Expected Completion Date: _____

NOTE: A new file must be opened for each work order and a unique sequential number assigned.

This Work Order is part of a set of Incorporated Documents referenced in the Quality Program Manual of AERO Design Ltd. as Process Control Forms. It has been developed in compliance with the quality records requirements of an *Approved Manufacturing Facility* of aeronautical parts and products under CARS PART V Chapter 61, and AWM Advisories 561/1, 2, 3A & 4 effective January 1, 1986.



President, AERO Design Ltd.

A. PREPARATION

1. Type Approval Authority

All work detailed in this Work Order is to be completed in accordance with:

Supplemental Type Certificate: SH00-48 Issue: 5 (pending)

2. Scope of Work

a) Complete Product

- ☒ Fabrication of 1, 49201-01, Cargo Basket Installation (open fwd end)
Qty Item
- ☒ Traceability: Serial Numbers: From # 49201-16 To # _____
xxx-xxx xxx-xxx
- ☐ Document Serial Numbers in this Work Order *Section D - Final Inspection & Sign-Off of Aeronautical Products*
- ☐ Record Serial Numbers in *Serial Number Control List* [Form 010].

OR

b) Component Parts

- ☐ Fabrication of component parts of _____
as detailed in this Work Order *Section B - Parts List*.
- ☐ Traceability: finished parts will be indelibly marked with this Work Order Number.

Notes: _____

Order Date: 04/03/05
D / M / Y

W.O. Number # 2005-04
Current yyyy - 000

3. Work Order Package Preparation

☒ Document Control List for SH00-48 issue Issue 5 (pending); DCL 492 Rev.6

☐ Full set of new drawings for complete fabrication.

OR

☐ Partial set of new drawings for parts fabrication:

Drawing List: _____

Notes: _____

Order Date: 04/03/05
D / M / Y

W.O. Number # 2005-04
Current yyyy - 000

B. PARTS LIST

☒ Complete fabrication: This list may *not* be used as Final Inspection Record.

☐ Partial fabrication: This list may be used as Final Inspection Record.

Qty	Part No.	Description	Materials	Tracking Number PO# for raw stock WO# for finished component parts	Final Inspection (Parts mfg only) Accept (A) Non-Conforming (NC)
	49211-01/ 12-01/13-01	RIMS	3/4 x 0.035 4130 TUBE	3016	
	49210-01/-02 49214-01	HOOPS/ SPINES	1/2 x 0.035 4130 TUBE	98-014	
1/1	49215-01 49216-01	SPACER	1/2" DIA 1018	4070	
1/1	49217-01	LUG	5/8" DIA 1018	951108	
		MESH	314-16F Expanded Steel	4051	
	36275-01	Bushing	5/16 RND BAR BRASS	4046	
	36275-02	Spacer	5/16 RND BAR 304 S/S	971028	
	36276-01	Spring hook	5/16 RND BAR 6061-T6	2009	
	36274-01	Bushing	7/16 x 0.035 w 304 S/S	2005	
	36204-10	Placard Brkt	0.025 slit. 4130	9506142	
	36271-01	LEVER	304 S/S	NO #	
	36272-01	Bucket Brkt	4130 slit.	2019	
	36273-01	Lid Brkt	4130 slit.	2019.	
	36277-01	Handle Bar	1.0 x 0.035 316 S/S	5009	
	36280-02	Brace	VICTORIA BRITISH	3029	
	36281-01				

Notes: _____


Order Date: 04/03/05
D / M / Y

W.O. Number # 2005-04
Current yyyy - 000

C. INSPECTION & SIGN-OFF OF COMPONENT PARTS & ASSEMBLIES


1. Inspection of Welded Assemblies

I hereby certify that I have inspected the welding of the aeronautical parts and assemblies specified in this Work Order and have found it to be complete and conforming to the requirements specified in the Work Scope, except where specifically identified and noted as non-conforming.

April 1/2005  _____
Date Welder's Signature License #

2. Inspection of Component Parts

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

APRIL 1/2005  _____
Date Inspector's Signature

D. FINAL INSPECTION & SIGN-OFF OF AERONAUTICAL PRODUCTS

ITEM	SERIAL NUMBER	ACCEPT YES/NO	NON-CONFORMANCES Non-Conformance Report #'s	ADDITIONAL REMARKS
1	49201-16	YES	2005-04/AVC	

I hereby certify that I have inspected the aeronautical component parts manufactured under this Work Order and have found them to be in conformity to the Approved Design Data specified within the Work Scope, except where specifically identified and noted as non-conforming.

APRIL 1/2005  _____
Date DAR or Inspector's Signature

NON-CONFORMANCE REPORT

Order Date: 01/04/05
D/M/Y

W.O. Number # 2005-04/NC
Current yyyy - 000/NC

INSTRUCTIONS

1. Only a Design Approval Representative (DAR) is authorized to make a determination as to the regulatory impact of each non-conformance. A DAR must sign-off each non-conformance identified below before any further action can be taken.
2. A separate form must be completed for EACH serialized finished product with an identified non-conformance.
3. Batched parts sharing the same non-conformance can be grouped on one form.
4. Print additional copies of this page as necessary to document all non-conformances and follow-up. ATTACH ALL NON-CONFORMANCE FORMS TO THE ORIGINAL WORK ORDER.

DETERMINATION & ACTION

1. Product Name: CARGO BASKET
2. Product Serial Number: 49201-16 OR
3. Batched Parts Item Number on WO: _____
4. Description of Non-Conformance (Attach additional page, photos, sketches if desired):
FORWARD END MODIFIED w/ CUT OUT AS SHOWN
ON 49205mm REV 2
5. DAR Determination
☐ Scrap
☒ Acceptable for release for the following reason(s):
CUT-OUT IN FWD END DOES NOT COMPROMISE
☐ Re-Work instructions: BASKET STRENGTH.

APRIL 1/05
Date

[Signature]
DAR Signature

RE-WORK INSPECTION & CERTIFICATION

I hereby certify that I have performed inspections on each of the above-named aeronautical product/part(s) and have found them to be in conformity to the Approved Design Data specified within the Scope of this Work Order, except where non-conformances have been specifically noted.

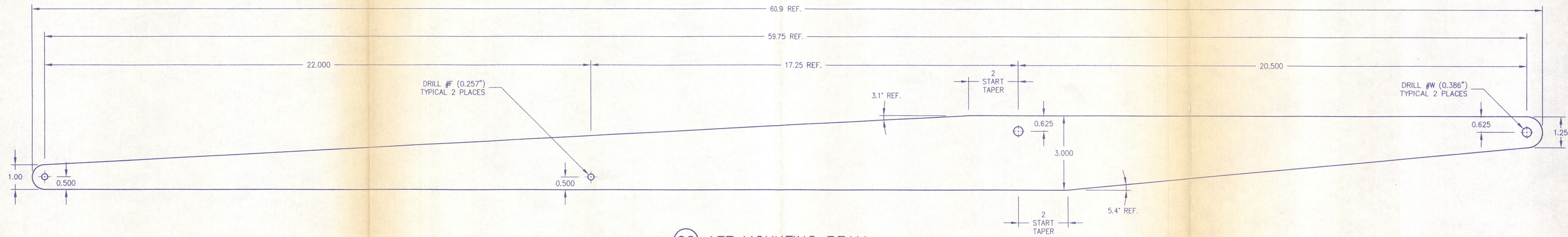
APRIL 1/05
Date

[Signature]
DAR Signature

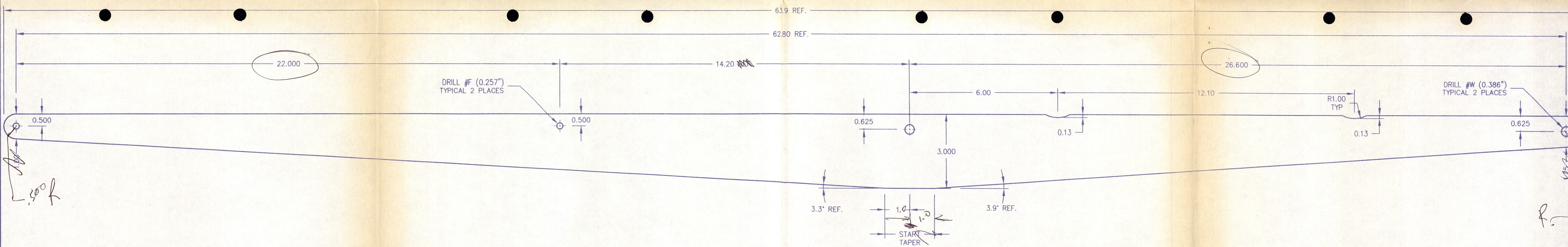
NOTICE

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	ADDED CUTOUTS TO FORWARD BEAM	BUC	3 MAY 2004



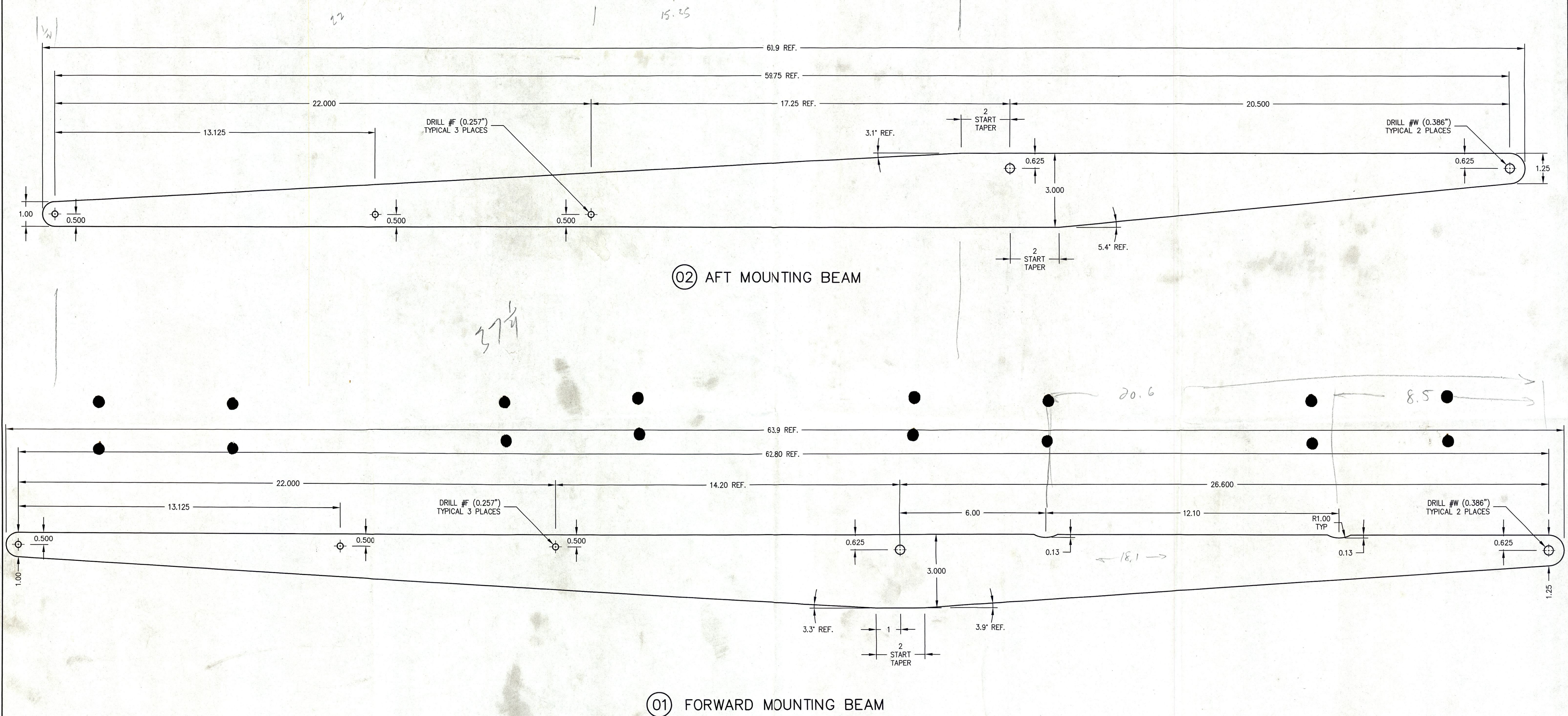
02 AFT MOUNTING BEAM



01 FORWARD MOUNTING BEAM

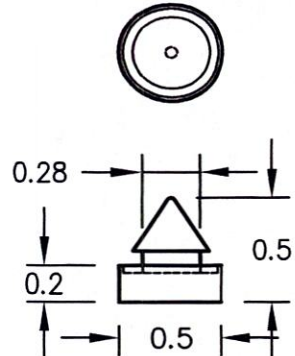
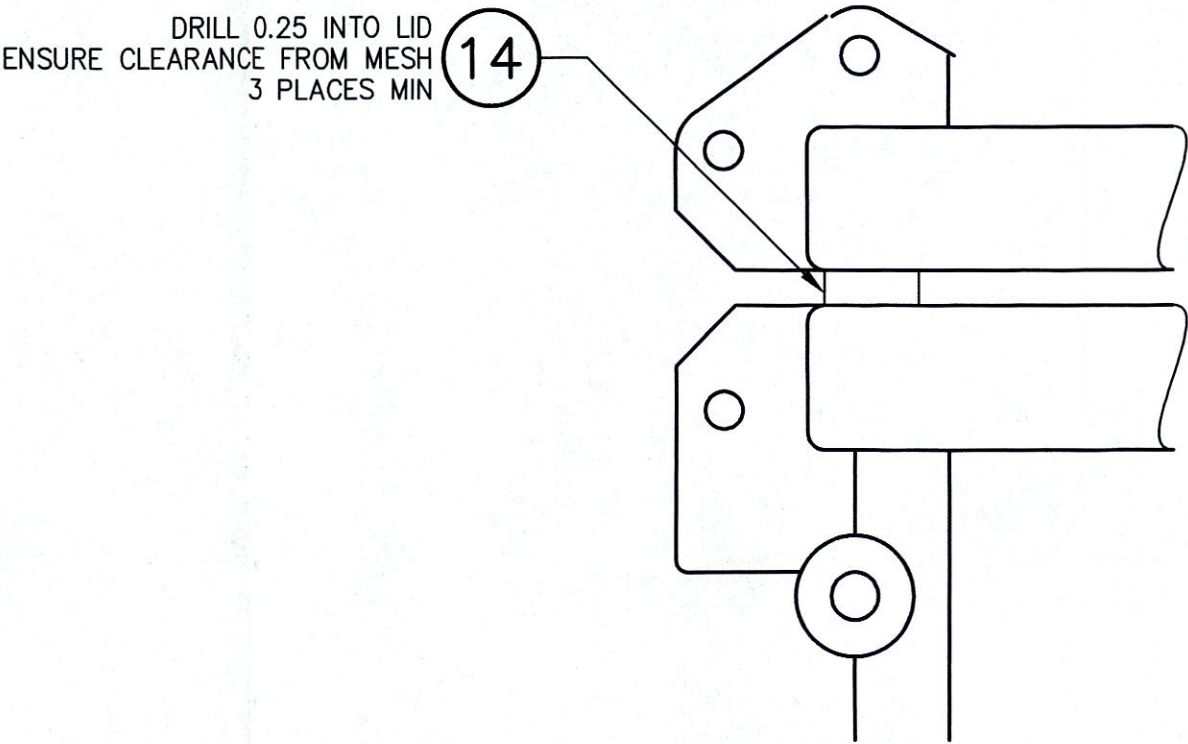
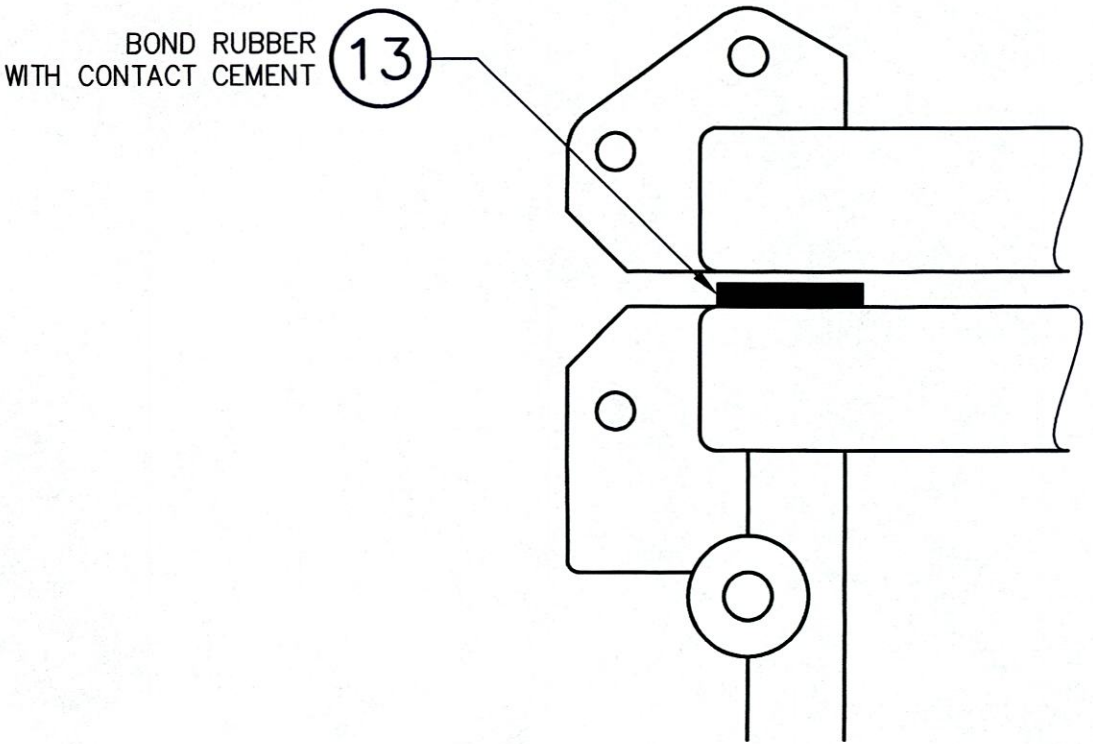
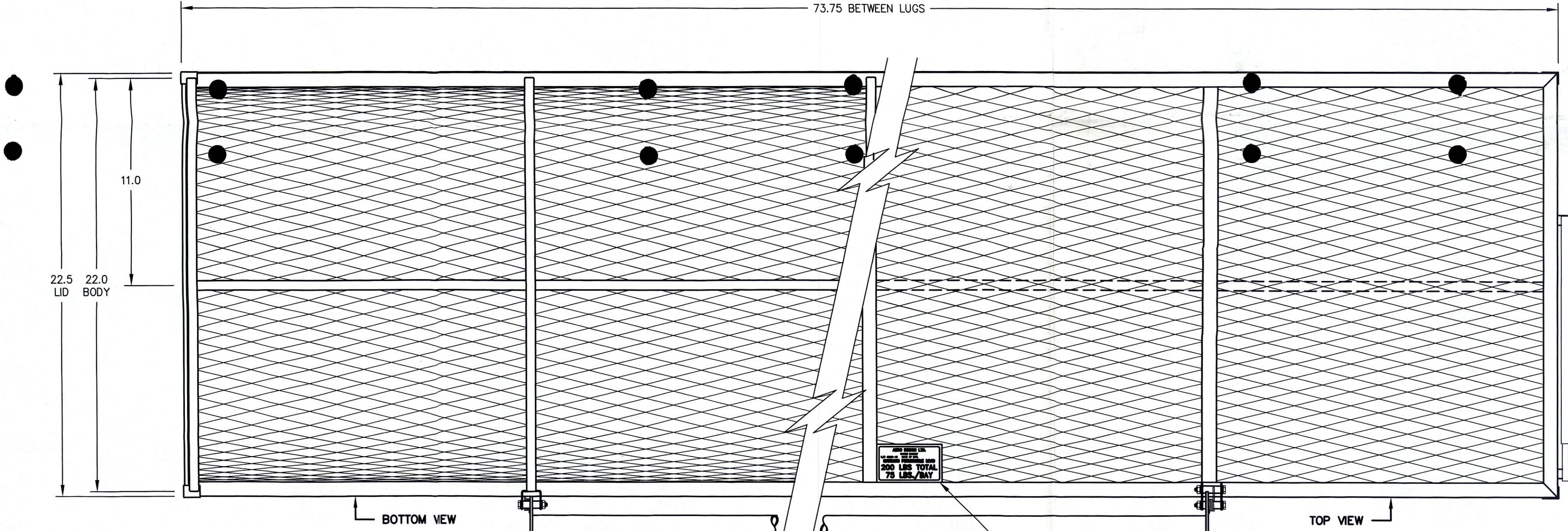
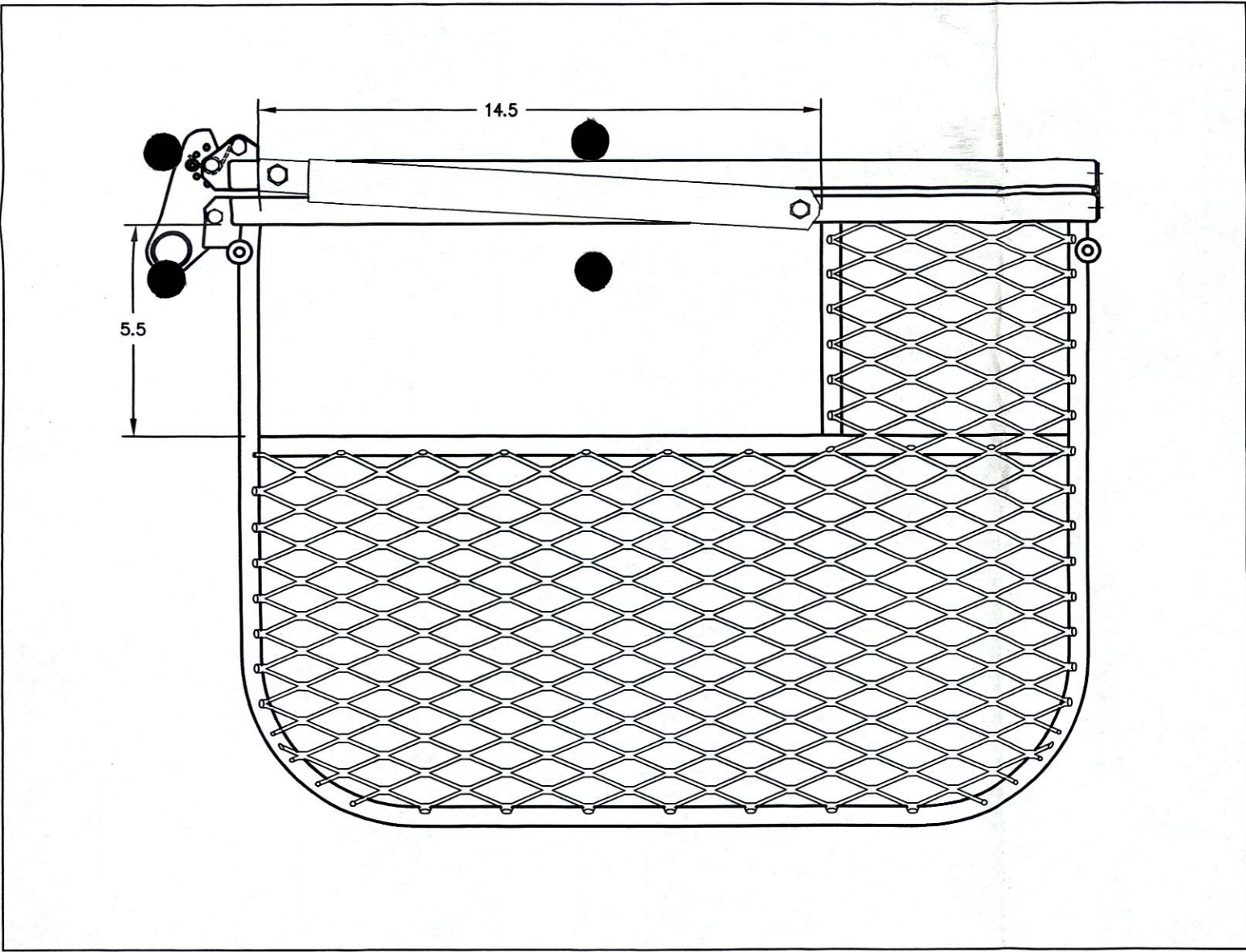
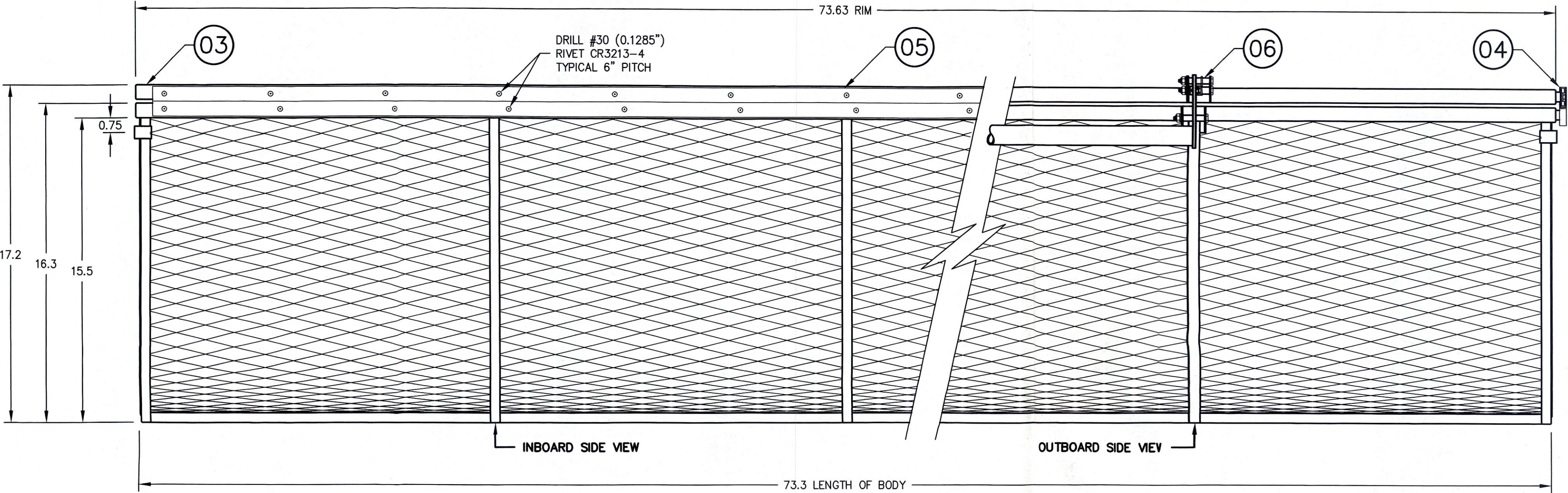
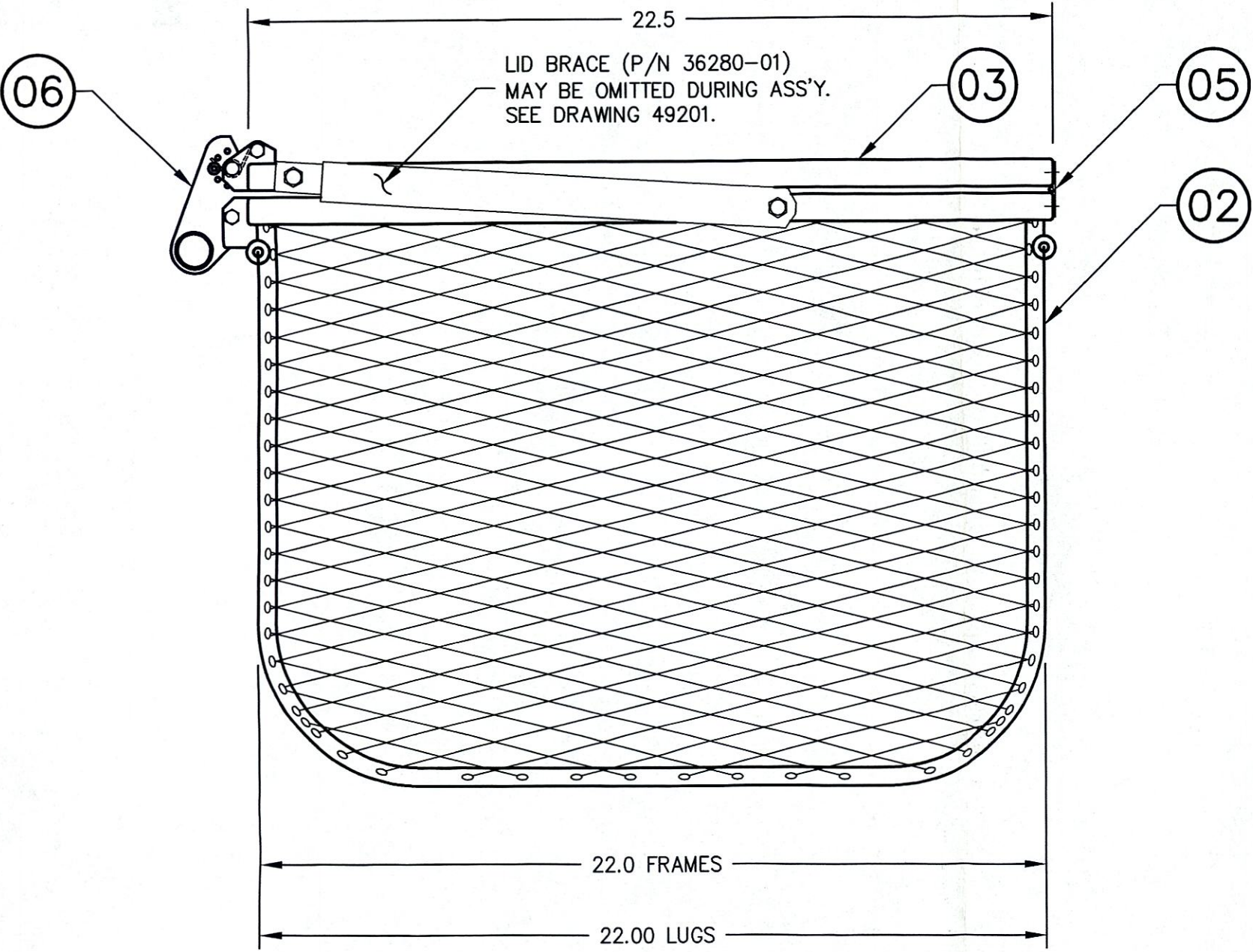
1	49221-02	02	AFT BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR
1	49221-01	01	FORWARD BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR
PART NO.		ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE
QTY.		LIST OF MATERIALS				
APPROVALS			DATE			
DRAWN: STEVEN FAHEY			APR 24/02			
CHECKED: E. BURGAIN			APR 24/02			
STRESS:						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:			AERO DESIGN LTD. ENGINEERING CONSULTANTS 1045 McTAVISH ROAD N.E. CALGARY, ALBERTA T2E 7G9			
DECIMALS			BELL 206L SERIES AND 407 SIDE MOUNTED CARGO BASKET FORWARD AND AFT MOUNTING BEAMS			
X.XXX ±0.010			SCALE 1 : 2			
X.XX ±0.03			DWG. SIZE			
X.X ±0.1			A1			
			DWG. NO.			
			49221			
			REV.			
			1			
			SHEET 1 OF 1			

NOTICE			
THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	ADDED CUTOUTS TO FORWARD BEAM	BJC	3 MAY 2004
2	ADDED 0.25" HOLE 13.125" FROM END HOLE	BJC	14 OCT 2004



1	49221-02	02	AFT BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR								
1	49221-01	01	FORWARD BEAM	6061-T651 ALUMINUM BAR	QQ-A-200/8	3" x 1" BAR								
PART NO.		ITEM	DESCRIPTION	MATERIAL	MATERIAL SPEC.	STOCK SIZE								
QTY.	LIST OF MATERIALS													
<table><tr><td>APPROVALS</td><td>DATE</td></tr><tr><td>DRAWN: STEVEN FAHEY</td><td>APR 24/02</td></tr><tr><td>CHECKED: E. BURGOIN</td><td>APR 24/02</td></tr><tr><td>STRESS:</td><td></td></tr></table>				APPROVALS	DATE	DRAWN: STEVEN FAHEY	APR 24/02	CHECKED: E. BURGOIN	APR 24/02	STRESS:		<div>AERO DESIGN LTD.</div> <div>ENGINEERING CONSULTANTS</div> <div>1045 McTAVISH ROAD N.E.</div> <div>CALGARY, ALBERTA T2E 7G9</div>		
APPROVALS	DATE													
DRAWN: STEVEN FAHEY	APR 24/02													
CHECKED: E. BURGOIN	APR 24/02													
STRESS:														
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON:														
DECIMALS		ANGLES												
X.XXX	±0.010	±1/2"												
X.XX	±0.03			<div>BELL 206L SERIES AND 407</div> <div>SIDE MOUNTED CARGO BASKET</div> <div>FORWARD AND AFT MOUNTING BEAMS</div>										
X.X	±0.1													
<table><tr><td>SCALE 1 : 2</td><td>DWG. SIZE</td><td>DWG. NO.</td><td>REV.</td></tr><tr><td>SHEET 1 OF 1</td><td>A1</td><td>49221</td><td>2</td></tr></table>				SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.	SHEET 1 OF 1	A1	49221	2			
SCALE 1 : 2	DWG. SIZE	DWG. NO.	REV.											
SHEET 1 OF 1	A1	49221	2											

THIS DRAWING CONTAINS INFORMATION AND DATA WHICH IS PROPRIETARY TO AERO DESIGN LTD. THIS DRAWING, OR ANY PORTION THEREOF, MAY NOT BE REPRODUCED, COPIED, OR DUPLICATED IN ANY MANNER, NOR USED FOR MANUFACTURING WITHOUT THE WRITTEN CONSENT OF AERO DESIGN LTD. BY ACCEPTING THIS DRAWING FOR REFERENCE, THE RECIPIENT AGREES TO HOLD AERO DESIGN LTD. HARMLESS FROM THE USE, OR MISUSE, OF THIS DRAWING OR THE INFORMATION CONTAINED THEREON.			
REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
0	INITIAL ISSUE	STF	MAY 12/02
1	SHORTENED DISTANCE BETWEEN ENDS OF LUGS, ADDED BUMPER	BJC	APR 28/04



14 BUMPER
SCALE 1 : 1

01 CARGO BASKET ASSEMBLY

NOTE:
1. ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY. DIMENSIONS OF COMPONENTS AND COMPLETE ASSEMBLY ARE DETERMINED IN PREVIOUS STEPS.

A/R	49205-14	14	BUMPER	ARGUS INDUSTRIES
A/R	49205-13	13	PAD	NEOPRENE RUBBER
1	49218-01	12	PLACARD	
2	MS21044N3		NUT	
A/R	AN960-10L		WASHER	
2	AN3-14		BOLT	
1	36255-01	06	HANDLE BAR INSTALLATION	
1	MS20001P4	05	PIANO HINGE	6 FEET
1	49205-04	04	BRACE INSTALLATION	
1	49207-01	03	LID ASSEMBLY	
1	49208-01	02	BASKET BODY ASSEMBLY	
1	49205-01	01	CARGO BASKET ASSEMBLY	
QTY.	PART NO.	ITEM	DESCRIPTION	MATERIAL
LIST OF MATERIALS				

APPROVALS	DATE
DRAWN: STEVEN FAHEY	MAY 12/02
CHECKED: E. BURGON	MAY 12/02
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2
X.XX ±0.03	
X.X ±0.1	

AERO DESIGN LTD.			
CONSULTING ENGINEERS, TRANSPORT CANADA APPROVALS, DAR 290M 2013 - 39TH AVENUE N.E., CALGARY, ALBERTA, CANADA, T2E 6R7 tel: (403) 250-8027 fax: (403) 250-8333 aerodesign@telusplanet.net			
BELL 206L SERIES SIDE MOUNTED CARGO BASKET CARGO BASKET ASSEMBLY			
SCALE 1 : 4	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 1	A1	49205	2